

AD-A131 198 GRISSON AFB INDIANA REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATION (U) AIR FORCE ENVIRONMENTAL

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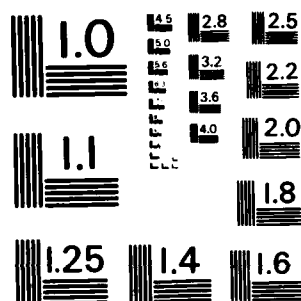
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USAFETAC/DS-83/026

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DATA PROCESSING DIVISION
USAFETAC
Air Weather Service (MAC)

ANSWERING SERVICE
FL 4414
SCOTT AFB, IL 62220

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

TO: [illegible]
FROM: [illegible]
SUBJECT: [illegible]
DATE: [illegible]
TIME: [illegible]
LOCATION: [illegible]
OBSERVER: [illegible]
INSTRUMENTS: [illegible]
METHODS: [illegible]
REMARKS: [illegible]

11 JUL 1983

JUL 07 1983

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This technical report has been reviewed and is approved for publication.

Wayne E. McCollom

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FOR THE COMMANDER

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REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM															
1. REPORT NUMBER USAFETAC/DS -83/026 *	2. GOVT ACCESSION NO. AD-A131 198	3. RECIPIENT'S CATALOG NUMBER															
4. TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)- GRISSOM AFB, INDIANA		5. TYPE OF REPORT & PERIOD COVERED Final rept															
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19. KEY WORDS (Continue on reverse side if necessary and identify by block number)																	
<table border="0"> <tr> <td>*RUSSWO</td> <td>Daily temperatures</td> <td>Atmospheric pressure</td> </tr> <tr> <td>Snowfall</td> <td>Extreme snow depth</td> <td>Extreme surface winds</td> </tr> <tr> <td>Climatology</td> <td>Sea-level pressure</td> <td>Psychrometric summary</td> </tr> <tr> <td>Surface Winds</td> <td>Extreme temperature</td> <td>Ceiling versus visibility</td> </tr> <tr> <td>Relative Humidity</td> <td>*Climatological data</td> <td>(over)</td> </tr> </table>			*RUSSWO	Daily temperatures	Atmospheric pressure	Snowfall	Extreme snow depth	Extreme surface winds	Climatology	Sea-level pressure	Psychrometric summary	Surface Winds	Extreme temperature	Ceiling versus visibility	Relative Humidity	*Climatological data	(over)
*RUSSWO	Daily temperatures	Atmospheric pressure															
Snowfall	Extreme snow depth	Extreme surface winds															
Climatology	Sea-level pressure	Psychrometric summary															
Surface Winds	Extreme temperature	Ceiling versus visibility															
Relative Humidity	*Climatological data	(over)															
20. ABSTRACT (Continue on reverse side if necessary and identify by block number)																	
<p>This report is a six-part statistical summary of surface weather observations for</p> <p>GRISSOM AFB, INDIANA</p> <p>It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (Daily amounts and extreme values); (C) Surface winds; (D) Ceiling versus Visibility; Sky Cover; (E) Psychrometric (over)</p>																	

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19. Percentage frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables

*INDIANA

*GRISSOM AFB

*

20. Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb and dew point temperatures and relative humidity); and (F) Pressure Summary (means, standard, deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurrence or cumulative percentage frequency of occurring tables.

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Justification	
By	
Distribution/	
Availability Codes	
Dist	Avail and/or Special
A	



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SECURITY CLASSIFICATION OF THIS PAGE(When Data Entered)

MSC 999999

MSC 999 424

MSC 999

The number that identifies the station in this summary is an AWS Master Station Catalog number. This number is comprised of the WMO number with the addition of a suffix zero; or, in cases where there is no designated WMO number, a 5-digit number created in agreement with WMO rules, plus a sixth qualifying digit. These numbers (also referred to as DATSAV or USAFETAC numbers) uniquely identify each of more than 15,000 reporting stations around the world. This is the provenance of the number (e.g., MSC 999999) which will appear on future OL-A standard products.

U.S. AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC DRY VS WET BULB

MEAN & STD DEV
(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY _____

APRIL _____

JULY _____

OCTOBER _____

FEBRUARY _____

MAY _____

AUGUST _____

NOVEMBER _____

MARCH _____

JUNE _____

SEPTEMBER _____

DECEMBER _____

STATION NO ON SUMMARY		STATION NAME		LATITUDE		LONGITUDE		FIELD ELEV. FT		CALL SIGN		WMO NUMBER	
725335		GRISSOM AFB INDIANA/PERU		N 40 39		W 86 09		812		GUS			
STATION LOCATION AND INSTRUMENTATION HISTORY													
NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY				
			FROM	TO			FIELD (FT)	MT BARO.					
1	Bunker Hill AFB	AFB	DEC 55	Apr 61	N 40 39	W 86 09	811	804 ft	24				
2	Same	Same	May 61	Feb 62	Same	Same	Same	816 ft	24				
3	Same	Same	Mar 62	Feb 67	Same	Same	823	813 ft	24				
4	Same	Same	Mar 67	Dec 67	Same	Same	Same	817 ft	24				
5	Grisson AFB Indiana/Peru	Same	Jan 68	Mar 69	Same	Same	Same	Same	24				
6	Same	Same	Apr 69	Dec 70	Same	Same	813	841 ft	24				
7	Same	Same	Jan 71	Nov 77	Same	Same	823	Same	24				
8	Same	Same	Dec 78	May 83	Same	Same	812	804	24				

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	DEC 55	Located on top of control tower & operations bldg.		Wind Panel		
2	MAR 57	Same	AN/GMQ-1	ML 204B	54 ft	
3	MAR 59	Located at intersection of runways 3 & 4.	Same	Same	87 ft	
4	MAR 61	Located 1000 ft NE end of runway 04	AN/GMQ-11	RO 2A	13 ft	
5	JUN 61	500 ft ESE of runway 22.	AN/GMQ-11	Same	Same	
6	MAY 63	Same	Same	RO 1A	Same	
		1. Located 1200 ft from end runway 04 - 500 ft ESE runway centerline.	Same	RO 2A	Same	
		2. Located 1200 ft from end runway 22-500 ft ENE runway centerline.	Same		Same	

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
7	NOV 77	1. Same	Same	Same	Same	Time of change in Rwy heading is estimated.
8	Dec 77	2. Same	Same	Same	Same	
		1. Located 1200 ft from end of Rwy 05-500 ft ESE Rwy centerline.	GMQ-20	RO 362	Same	
		2. Located 1200 ft from end of Rwy 23-500 ft ENE Rwy centerline.	"	"	"	

U S AIR FORCE
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A

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

7-335

GRISSOM AFB IN

73-82

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JAN	00-02	.1	6.2	2.0	20.1		28.0	21.3	6.6	4.4		32.4	930
	03-05	.1	5.1	1.4	20.8		27.0	23.3	5.7	4.2		34.7	930
	06-08		4.9	1.5	20.0		26.1	24.9	13.3	4.2		38.0	930
	09-11		4.2	1.8	17.5		23.0	26.1	22.0	4.2		47.1	930
	12-14		4.3	1.2	17.0		21.9	21.8	22.0	5.9		45.9	930
	15-17	.1	4.9	1.7	17.3		23.1	17.7	21.6	6.6		43.0	930
	18-20	.1	5.3	2.2	19.4		25.9	16.9	19.4	5.4		38.4	930
	21-23	.3	6.2	2.0	21.7		28.9	17.3	12.2	5.1		31.8	930
TOTALS		.1	5.1	1.7	19.2		25.5	21.2	16.1	5.0		38.9	7440

2

CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

WEATHER CONDITIONS

12335 GRISSOM AFB IN

73-82

STATION

STATION NAME

YEARS

FE

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
FEB	00-02	.4	5.2	1.3	14.6		20.8	16.3	12.1	.7		26.5	845
	03-05		4.6	1.5	13.6		19.1	20.6	12.6	1.0		31.2	846
	06-08	.1	5.4	1.5	13.8		20.0	23.0	16.0	1.0		37.0	846
	9-11		6.4	1.7	15.3		23.0	25.2	25.4	2.6		45.4	846
	12-14		6.4	.7	14.3		20.6	20.1	25.5	2.4		42.8	846
	15-17	.2	5.3	.8	13.4		18.4	15.0	25.8	2.5		40.3	846
	18-20	.5	5.0	1.2	9.8		15.2	16.4	22.6	2.4		36.9	846
	21-23	.2	4.6	1.2	11.1		16.6	16.4	18.3	.7		31.4	846
TOTALS		.2	5.4	1.2	13.4		19.2	19.2	19.9	1.8		36.5	6767



GLOBAL CLIMATOLOGY BRANCH
SASLTAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

7335	GISSOM AFB IN	73-82	44
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
MAR	10-02	1.2	10.2	.8	7.7		17.6	16.6	12.0	.5		26.1	930
	03-05	.8	12.5	.6	8.1		20.5	21.6	13.4	.4		32.0	930
	06-06	.9	13.5	.4	6.5		20.2	29.1	19.5	1.0		42.6	930
	09-11	.3	11.5	.3	6.5		17.7	25.4	22.6	.4		43.5	930
	12-14	.4	10.0		6.6		15.6	16.6	19.9	.3		33.7	930
	15-17	.3	9.8	.2	6.1		15.5	13.8	17.6	.2		29.2	930
	18-20	1.0	9.5	.1	6.5		15.4	15.5	16.7			29.2	930
	21-23	1.2	12.8	.3	7.0		19.1	18.0	13.7	.4		26.4	930
TOTALS		.8	11.2	.4	6.9		17.7	19.6	16.9	.4		33.1	7440

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

2335 GRISSOM AFB IN 73-62 APR
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS EST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
APR	00-02	1.1	10.7		2.3		12.4	11.6	8.0	.4		18.2	900
	03-05	1.4	10.1		3.8		13.0	15.8	9.6	.6		22.4	900
	06-08	1.4	11.2		2.2		11.3	23.2	17.7	.4		33.3	900
	09-11	.7	10.4		2.8		12.9	13.9	17.4	.2		27.9	900
	12-14	1.2	10.4		2.1		12.4	8.2	15.0	.1	.2	22.4	900
	15-17	.4	10.8		2.2		12.6	7.4	13.3	.1	.3	20.1	900
	18-20	2.2	12.3	.3	1.3		13.4	7.9	12.3	.2	.4	18.8	900
	21-23	1.3	11.2		2.2		13.1	8.7	8.4	.1		15.3	900
TOTALS		1.2	10.9	.0	2.4		12.9	12.1	12.7	.3	.1	22.4	7200



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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

WEATHER CONDITIONS

124335 GRISSOM AFB IN 73-82 MAY
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
MAY	0-24	1.8	9.7				9.7	15.4	14.0			29.6	930
	03-05	.9	9.0				9.0	24.9	15.8			34.3	930
	06-08	1.0	9.7				9.7	31.5	25.3			47.4	930
	09-11	.5	10.2				10.2	16.9	20.8			33.7	930
	12-14	1.4	10.3				10.3	10.5	18.4			26.6	930
	15-17	2.7	11.2				11.2	8.4	16.3			22.9	930
	18-20	2.7	11.4				11.4	8.5	18.7			25.2	930
	21-23	1.9	11.2				11.2	10.6	14.9			23.1	930
TOTALS		1.6	10.3				10.3	15.8	18.0			29.7	7440

0
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CLERICAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

WEATHER CONDITIONS

24335
STATION

GISSOM AFB IN

STATION NAME

73-82

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HALE	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUN	00-02	1.8	5.1				5.1	10.0	18.4			23.7	900
	03-05	2.6	6.0				6.0	19.3	22.6			34.1	900
	06-08	3.4	3.8				8.8	26.1	29.0			44.1	900
	09-11	1.2	7.4				7.4	10.3	23.7			31.4	900
	12-14	2.7	6.3				6.3	4.0	21.3		.1	23.7	900
	15-17	4.9	7.9				7.9	2.0	19.0			28.1	900
	18-20	4.6	7.7				7.7	3.2	19.0			21.1	900
	21-23	3.8	6.9				6.9	5.9	17.1			21.1	900
TOTALS		5.1	7.3				7.0	10.1	21.3		.0	27.4	7200



GLOBAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/AFAC

WEATHER CONDITIONS

2433°
STATION

GRISSEM AFB IN

STATION NAME

73-62

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JUL	00-02	2.0	4.5				4.5	15.4	30.9			38.1	930
	03-05	2.8	6.1				6.1	27.7	33.9			47.2	930
	06-08	1.0	7.2				7.2	38.0	40.4			54.2	930
	09-11	.8	5.4				5.4	14.1	36.3			43.5	930
	12-14	1.8	5.1				5.1	5.7	33.8			36.1	930
	15-17	3.1	4.2				4.6	3.7	29.5			31.3	930
	18-20	2.7	4.2				4.2	5.5	30.3			32.0	930
	21-23	2.0	3.1				3.1	9.7	30.3			34.2	930
TOTALS		2.0	5.1				5.1	15.0	33.2			40.1	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

24335
STATION

GRISSEON AFB IN

73-82

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
AUG	0-02	2.7	5.3				5.3	19.6	30.4			45.3	929
	03-05	2.7	7.0				7.0	34.4	37.7			54.5	930
	06-08	2.4	6.3				6.3	53.0	45.4			70.0	930
	09-11	2.7	7.5				7.5	19.2	41.4			50.9	930
	12-14	1.6	7.0				7.0	7.2	38.0			41.2	930
	15-17	2.9	7.1				7.1	3.9	39.9			42.2	930
	18-20	3.8	7.0				7.0	5.8	39.5			41.7	930
	21-23	4.4	6.5				6.5	10.4	35.7			42.1	930
TOTALS		2.9	7.0				7.0	19.2	39.3			42.2	7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
4TH WEATHER SERVICE/MAC

WEATHER CONDITIONS

72-339 GRISSOM AFB IN

73-82

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
SEP	00-01	1.6	6.0				6.0	16.9	24.7			34.9	900
	03-05	1.1	6.9				6.9	28.8	28.0			43.4	900
	06-08	1.0	6.4				6.4	47.4	33.3			61.3	900
	09-11	.4	5.7				5.7	21.4	34.2			44.9	900
	12-14	.4	4.2				4.2	6.8	27.1			30.2	900
	15-17	.9	6.0				6.0	3.8	23.3			26.6	900
	18-20	1.7	5.1				5.1	4.6	22.3			26.1	900
	21-23	1.7	7.2				7.2	7.6	22.7			27.0	900
TOTALS		1.1	5.9				5.9	17.2	27.0			36.6	7200

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 0000 CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

125335

GRISCOM AFB IN

73-82

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
OCT	00-02	.8	5.7				6.7	15.2	12.7			22.6	937
	03-05	.5	9.4		.3		5.6	21.2	12.3			27.0	930
	06-08	.3	10.1		.1		10.1	32.4	19.1			41.7	930
	09-11		8.7		.1		8.7	21.1	22.4			35.5	930
	12-14	.3	9.1				9.1	7.8	18.5			24.9	930
	15-17	.1	9.4		.2		9.6	8.1	15.9			22.0	930
	18-20	.4	8.4		.1		8.5	8.8	16.1			22.8	930
	21-23	.9	8.1				8.1	9.3	13.1			19.9	929
TOTALS		.4	8.7		.1		8.8	15.5	16.3			27.1	7439

1
2GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAC

WEATHER CONDITIONS

1335
STATIONGRISSOM AFB IN
STATION NAME

73-82

YEARS

NOV
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
NOV	00-01	.1	7.7	.4	5.7		15.4	17.4	14.0	.1		27.8	900
	02-03	.2	12.2	.4	6.3		18.1	21.0	14.8			30.6	900
	04-05		12.0	.1	6.6		18.2	28.8	16.7	.3		37.1	900
	06-07	.3	10.8		7.2		17.8	28.6	27.3	.1		47.4	900
	08-09	.4	5.3		5.6		13.7	17.8	24.0			35.4	900
	10-11		9.6	.1	6.6		15.6	15.0	20.3	.2		31.1	900
	12-13	.2	9.8	.2	5.8		15.3	14.8	17.9	.6		29.7	900
	14-15	.1	10.1		6.6		16.1	15.7	13.3	.8		27.1	900
TOTALS		.2	10.3	.2	6.3		16.3	19.9	18.5	.3		33.4	7200

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DLC
MONTH

15

13

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

12-335
STATION

GISSON AFB IN

STATION NAME

73-82

YEARS

ALL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS EST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JAN	ALL	.1	5.1	1.7	19.2		25.5	21.2	16.1	5.0		32.9	7440
FEB		.2	5.4	1.2	13.4		19.2	19.2	19.9	1.3		30.5	6767
MAR		.8	11.2	.4	6.9		17.7	19.6	16.9	.4		33.1	7440
APR		1.2	10.9	.0	2.4		12.9	12.1	12.7	.3	.1	22.4	7200
MAY		1.6	10.3				10.3	15.8	18.0			29.7	7440
JUN		3.1	7.0				7.0	10.1	21.3		.0	27.4	7200
JUL		2.0	5.1				5.1	15.0	33.2			40.1	7440
AUG		2.9	7.0				7.0	19.2	39.3			40.2	7439
SEP		1.1	5.9				5.9	17.2	27.0			36.6	7200
OCT		.4	3.7		.1		6.8	15.5	16.3			27.1	7439
NOV		.2	10.3	.2	6.3		16.3	19.9	18.5	.3		33.4	7200
DEC		.1	9.8	.8	14.4		24.2	24.6	14.4	2.2		36.6	7435
TOTALS		1.1	3.1	.4	5.2		13.3	17.5	21.1	.8	.0	34.2	97640

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAW data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
- (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
- (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than $\frac{5}{8}$ mile.

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CENTRAL CLIMATOLOGY BRANCH
USAFETAC
ATMOSPHERIC SERVICE/MAC

XXXXXXXXXXXXXXXXXXXXXXXXXXXX
WEATHER CONDITIONS
XXXXXXXXXXXXXXXXXXXXXXXXXXXX
ATMOSPHERIC PHENOMENA

72 335
STATION

GRISCOM AFB IN
STATION NAME

56-82

YEAR

ALL
MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	WIND SPEED	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAZ	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR KIND	% OF OBS WITH BEST FOUN	TOTAL NO. OF OBS.
JAN	DAILY	1.9	28.3	10.3	54.3		67.3	48.0	53.2	14.5		77.1	829
FEB		2.8	27.5	6.0	47.6	.1	61.5	46.5	50.0	11.0		70.1	767
MAR		3.3	41.0	2.9	33.8	.8	62.7	48.9	49.1	5.5		85.7	877
APR		14.3	54.9	.5	11.0	1.1	56.1	41.9	38.4	1.4		83.6	817
MAY		20.3	50.7		.4	.7	50.7	41.1	42.5			84.2	837
JUN		27.6	44.3			.9	44.3	39.3	46.5			81.0	810
JUL		27.4	43.0			.7	43.0	51.1	56.8			86.7	837
AUG		21.1	39.1			.4	39.1	62.4	65.4			74.1	837
SEP		14.7	39.1		.1		39.1	55.2	57.8			67.3	810
OCT		5.0	37.9		2.3	.5	38.9	46.7	44.9			87.1	837
NOV		2.5	36.5	.7	22.6		52.8	49.6	49.5	2.2		81.6	810
DEC		1.7	35.7	8.6	44.6		65.5	53.2	48.6	6.9		71.3	835
TOTALS		12.4	40.0	2.6	18.0	.4	51.9	48.8	50.9	3.5		84.6	9852



U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION	"0.00"	equals none for the month (hundredths)
EXTREME DAILY SNOWFALL	"0.0"	equals none for the month (tenths)
EXTREME DAILY SNOW DEPTH	"0"	equals none for the month (whole inches)

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

Values for means and standard deviations do not include a measure of error for incomplete months.

- NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

Beginning thru 1945	at 0800LST
Jan 46-May 57	at 1230GMT
Jun 57-present	at 1200GMT

U. S. Navy and National Weather Service (USWB)

Beginning thru Jun 52	at 0030GMT
Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
(FROM DAILY OBSERVATIONS)

17 335 81 ISSOM AFB IN

56-82

STATION

STATION NAME

YEARS

PRECIP	AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	2001-5000	OVER 5000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-04	05-14	15-24	25-34	35-44	45-64	65-104	105-154	155-254	255-504	OVER 504						
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-72	OVER 72						
JAN	12.3	27.4	6.8	1.4	5.2	7.5	4.3	2.3	.9						35.2	829	1.49	4.45	.29
FEB	27.1	27.4	4.8	9.3	6.7	6.3	3.8	2.9	.9	.1					34.7	763	1.90	5.61	.11
MAR	30.3	22.6	3.7	8.4	4.9	6.3	9.3	4.7	.9						41.1	835	2.24	5.49	.49
APR	41.5	17.3	3.3	5.5	4.7	8.1	7.4	6.4	2.7						41.2	810	3.85	8.40	.95
MAY	4.9	13.7	2.9	7.5	4.9	8.2	6.2	5.4	1.9	.4					37.4	837	3.60	6.41	1.52
JUN	5.6	10.9	2.2	6.3	3.0	6.3	6.7	5.4	3.3	.4					33.6	810	4.16	14.48	1.34
JUL	57.1	14.0	1.9	4.7	3.5	4.4	6.5	4.3	3.7	.1					29.0	837	4.01	7.51	.54
AUG	1.0	10.5	2.0	4.0	2.6	6.3	4.7	5.5	3.1	.2					24.5	875	3.72	9.16	.74
SEP	3.6	11.5	2.8	5.3	3.6	4.5	5.6	4.0	1.7	.1					27.9	818	2.66	7.2	.14
OCT	2.5	12.3	2.7	5.6	4.2	5.1	4.7	4.5	.8						27.2	836	2.30	4.89	.22
NOV	47.5	19.3	3.8	6.1	5.3	7.9	5.3	4.3	1.5						34.0	809	2.56	4.57	.64
DEC	34.2	25.6	5.7	8.9	5.6	7.8	7.2	3.6	1.3	.1					40.2	836	2.97	9.45	.43
ANNUAL	47.7	17.9	3.5	7.1	4.9	6.7	5.9	4.4	1.1	.1					34.4	9647	36.56		

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CLIMAT CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/ETAC

EXTREME VALUES

PRECIPITATION

FROM DAILY OBSERVATIONS

2335 0 ISSOM AFB IN
STATION NAME

56-52

YEAR

24 HOUR AMOUNTS IN INCHES

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
YEAR													
5	.3	3.61	.65	.54	1.53	.98	.81*	1.15	.17	.55	1.15	.71	3.61
57	.75	.80	.39	1.14	2.47	1.68	.95	1.37	.57	1.91	.86	.95	2.47
58	.5	.59	.61	.42	.76	4.45	1.52	2.57	.49	.64	1.92	.41	4.45
59	1.1	2.08	.65	1.64	.54	.64	.79	.89	2.28	1.7	.77	.67	2.28
60	.86	.68	.23	1.0	1.56	.55	1.45	1.96	.66	.62	.46	.41	1.96
61	.3	.97	.86	1.4	.79	.63	1.93	1.80	1.00	.71	.91	.48	1.93
62	1.04	.41	.78	.31	.92	1.27	1.71	1.63	1.17	1.10	.66	.12	1.71
63	.60	.34	1.51	.89	1.10	.90	3.13	.74	.72	.77	.99	.35	3.13
64	.6	.28	1.0	1.83	.61	1.09	2.44	.20	.83	.16	.67	.59	2.44
65	1.2	1.20	.51	1.52	2.52	1.03	1.06	.91	1.17	.57	.72	1.07	2.52
66	.10	.89	1.06	.86	1.00	.62	1.14	1.26	.7	.43	1.59	2.19	2.19
67	1.61	.79	1.12	.72	.92	.56	1.12	.50	1.27	1.41	.67	3.15	3.15
68	1.00	1.01	.3	1.13	2.53	1.70	2.11	1.8	.95	.56	1.18	.95	2.53
69	1.52	.09	.95	1.36	.65	2.05	2.11	1.26	2.43	2.11	1.23	.43	2.43
70	.10	.30	1.27	2.10	1.16	.73	1.54	1.10	1.25	.93	.86	.22	2.10
71	.3	.89	.55	.52	2.86	1.22	1.87	.81	.87	.65	.27	1.51	2.86
72	.3	.22*	.43	1.83	.62	1.36	1.36	.72	1.09*	.71	1.73	1.75	1.83
73	.43	.25*	.73	.61	1.02	2.15	1.26	1.85	.59	.74*	1.13	1.15	2.15
74	.6	.44	1.66	.59	1.37	1.11	.46	.74	1.46	.73	.59	.47	1.66
75	.50	1.09	.39	.95	.52	2.22	.7	2.22	1.19	.88	.65	.63	2.22
76	.75	1.57	.53	.60	.64	1.44	1.81	.60	.52	.69	.44	.05	1.81
77	.43	1.10	1.01	1.06	1.00	.55	2.14	2.62	2.65	.96	.35	.41	2.65
78	.57	.60	.80	1.04	.96	.64	1.45	1.44	.56	.54	.73	1.35	1.45
79	.41	.57	.86	1.0	.36	.51	1.25	1.59	.14	1.85	1.06*	.30	1.85
80	.25	.61	1.27	.85	.62	1.70	2.49	1.32	.9	.52	.41	.53	2.49
81	.46	.54	.22	.66	1.29	2.65	.89	1.2	.42	.88	.46	.83	2.65
82	.75	.39	.95	1.06	.99	1.41	.50	1.26	.47	.58	.85	.86	1.41
MEAN	.691	.819	.817	1.28	1.163	1.313	1.499	1.328	.986	.895	.657	.657	2.370
S D	.43	.710	.379	.464	.681	.856	.638	.679	.629	.493	.416	.661	.657
TOTAL OBS	79	763	35	610	837	810	837	835	91	636	529	676	9847

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

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 FEDERAL CLIMATOLOGY BRANCH
 WASHINGTON, D.C.
 AIR WEATHER SERVICE/MAG

EXTREME VALUES
 XXXXXXXXXXXXXXXXXXXXXXX
 MONTHLY PRECIPITATION

FROM DAILY OBSERVATIONS

12335 5. ISSON AFB IN STATION NAME

56-12

YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
YEAR													
51	.79	5.61	1.77	1.51	4.59	1.92	2.61	2.39	.41	.76	2.70	2.45	*27.76
52	1.30	1.40	1.12	5.49	6.41	6.58	3.69	3.16	1.50	4.09	2.39	4.60	42.91
53	1.30	.84	.93	1.30	2.42	14.48	6.22	4.64	2.17	.99	4.97	.47	41.79
54	3.29	4.29	3.46	5.40	1.88	1.34	2.25	2.65	3.49	3.54	1.87	2.54	39.00
55	1.67	2.47	.87	2.23	5.41	2.62	4.25	4.36	1.53	1.56	1.82	.91	29.72
56	.54	1.66	5.14	4.29	2.00	2.82	6.27	2.92	3.50	2.15	2.65	1.89	35.91
57	3.7	1.70	2.51	1.15	4.67	4.75	5.42	4.16	2.17	2.59	1.02	.43	33.69
58	.73	1.05	5.01	3.93	3.50	2.47	5.05	1.71	.86	1.29	2.04	.96	26.68
59	2.00	1.16	3.13	5.05	1.87	4.75	5.26	.74	1.96	.22	1.67	2.59	31.05
60	4.45	2.16	2.38	5.67	4.56	3.50	3.54	4.17	3.26	1.99	1.53	2.79	40.90
61	.29	1.61	2.68	2.96	4.34	1.47	2.37	2.86	2.55	1.03	4.88	5.59	32.63
62	2.40	2.12	3.15	4.52	3.94	1.72	2.84	1.92	3.32	4.89	2.52	2.40	42.92
63	2.91	1.94	1.68	2.48	5.98	5.63	3.79	5.02	2.20	1.47	4.61	2.93	40.22
64	4.12	.11	1.53	6.26	2.13	5.00	7.51	2.00	7.11	4.37	3.04	1.40	44.66
65	.67	.69	3.15	5.75	3.46	1.89	5.30	1.67	4.82	3.14	2.66	1.10	34.21
66	1.10	3.40	1.60	.95	5.07	3.81	4.87	2.60	4.20	1.76	1.23	5.50	36.46
67	1.20	.79*	1.99	5.84	2.53	3.34	4.31	2.40	7.23*	2.62	4.19	3.45	*40.97
68	1.10	.45*	3.94	3.01	3.50	6.64	5.73	4.26	1.26	3.11*	4.06	4.43	*42.43
69	2.9	2.28	4.33	2.55	5.94	3.82	.54	3.24	3.60	1.36	2.85	2.22	36.17
70	2.70	2.81	2.15	3.14	1.59	6.13	1.23	9.16	2.13	1.66	2.26	3.01	36.04
71	.21	3.30	3.15	1.57	2.12	5.71	4.01	1.74	2.13	2.39	.64	.64	29.91
72	1.14	2.19	5.45	2.71	2.00	2.14	4.37	7.48	4.44	2.76	1.76	3.23	39.69
73	2.31	.97	2.37	4.23	3.71	1.59	3.85	3.29	.86	1.97	3.22	4.60	32.97
74	1.11	1.17	3.23	3.43	1.52	1.69	4.56	4.50	.14	4.28	3.64*	1.67	*31.74
75	.50	1.66	4.50	3.1	2.45	5.35	3.73	5.43	1.85	2.01	.65	1.12	32.55
76	.61	1.95	.49	5.64	5.75	7.41	2.87	5.66	1.83	2.87	1.04	2.90	36.92
77	3.1	1.23	4.44	3.24	4.39	3.76	2.29	4.56	1.15	1.46	4.64	4.61	39.70
MEAN	1.493	1.897	2.839	3.840	3.603	4.160	4.010	3.724	2.655	2.295	2.561	2.966	36.623
S.D.	1.214	1.117	1.417	1.963	1.515	2.752	1.611	1.893	1.772	1.200	1.295	2.045	4.601
TOTAL OBS	229	763	835	810	837	810	837	835	810	836	809	836	9247

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
(FROM DAILY OBSERVATIONS)

72 335 6 ISSOM AFB IN

56-62

STATION

STATION NAME

YEARS

PRECIP	AMOUNTS (INCHES)											PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02 05	06 10	11 25	26 50	51 100	101 250	251 500	501 1000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01 04	05 14	15 24	25 34	35 44	45 64	65 104	105 154	155 254	255 504	OVER 504			
SNOW DEPTH	NONE	TRACE	1	2	3	4 6	7 12	13 24	25 36	37 48	49 60	61 70	OVER 70			
JAN	44.0	29.8	12.3	8.2	2.2	1.4	.6	.5	.1				25.3	629	7.2	22.3 .7
FEB	1.5	26.6	9.0	7.3	2.1	1.0	.7	1.2	.5				21.9	763	7.8	15.8 1.3
MAR	6.0	19.4	6.8	5.0	1.4	.7	.2	.4					14.6	835	4.3	11.7 .5
APR	8.8	7.4	1.0	1.5	.5	.5	.2	.1					3.3	810	1.6	11.8 .0
MAY	9.8	.2												837	TRACE	TRACE .0
JUN	10.0													810	.0	.0 .0
JUL	10.0													837	.0	.0 .0
AUG	10.0													837	.0	.0 .0
SEP	9.9	.1												810	TRACE	TRACE .0
OCT	7.8	1.9	.1	.1									.2	836	TRACE	.5 .1
NOV	77.3	14.7	2.7	3.0	1.4	.5	.2	.2					8.0	809	2.8	9.7 TRACE
DEC	5.6	26.2	7.3	5.5	1.9	1.8	.8	.5	.2	.1			16.2	836	7.7	27.2 1.3
ANNUAL	11.8	10.5	3.3	2.5	.8	.5	.2	.2	.1	.0			7.7	9849	31.4	

2
 1
 60 CAL CLIMATOLOGY BRANCH
 AFETAC
 AIR WEATHER SERVICE/MAC

XXXXXXXXXXXXXXXXXXXX
EXTREME VALUES
 XXXXXXXXXXXXXXXXXXXX
 MONTHLY SNOWFALL

FROM DAILY OBSERVATIONS

720335 GRISSOM AFB IN
 STATION

56-82

YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
YEAR													
5	8.3	7.1	4.5	6.1	.0	.0	.0	.0	.0	.0	.1	7.1	* 33.2
5	.1	2.1	.5	3.3	.0	.0	.0	.0	.0	TRACE	.9	5.3	17.2
5	.1	2.2	1.6	TRACE	.0	.0	.0	.0	TRACE	.0	3.5	4.2	14.6
5	5.2	2.4	5.7	.0	.0	.0	.0	.0	.0	.0	3.0	2.6	17.9
5	.7	7.6	7.5	TRACE	TRACE	.0	.0	.0	.0	.0	2.8	.2	26.9
1	4.1	11.0	3.3	7.8	.0	.0	.0	.0	.0	.0	.3	12.5	39.8
2	6.3	9.8	5.1	.1	.0	.0	.0	.0	.0	.1	TRACE	4.7	23.4
3	7.5	1.4	.7	TRACE	.0	.0	.0	.0	.0	.0	1.7	6.9	27.5
4	6.3	11.6	5.1	TRACE	.0	.0	.0	.0	.0	.0	2.3	.5	34.9
5	7.6	11.6	1.7	.0	.0	.0	.0	.0	.0	TRACE	.4	3.6	34.9
6	1.1	6.1	.8	.0	.0	.0	.0	.0	.0	.0	7.5	5.4	23.1
6	5.3	14.2	5.7	1.2	.0	.0	.0	.0	.0	TRACE	5.7	6.3	38.4
6	12.3	3.1	.0	.1	.0	.0	.0	.0	.0	.0	1.5	2.4	25.0
6	3.5	1.3	3.4	TRACE	.0	.0	.0	.0	.0	.0	6.6	9.2	24.3
7	5.5	3.5	5.5	2.1	.0	.0	.0	.0	.0	.0	1.6	2.8	20.9
7	4.4	7.4	2.4	TRACE	.0	.0	.0	.0	.0	.0	3.5	1.4	21.6
7	9.6	8.1	1.5	1.8	.0	.0	.0	.0	.0	.0	6.3	4.1	* 31.9
7	5.9	2.5*	5.1	3.6	.0	.0	.0	.0	.0	.0	TRACE	2.7	* 37.8
7	5.1	7.4	3.6	2.7	.0	.0	.0	.0	.0	.0	.7	9.5	38.1
7	6.9	8.6	7.2	.6	.0	.0	.0	.0	.0	.0	4.4	10.0	39.7
7	6.1	6.1	4.6	.1	.0	.0	.0	.0	.0	TRACE	1.3	7.7	28.1
7	12.0	7.9	5.6	TRACE	.0	.0	.0	.0	.0	.0	5.9	27.2	56.5
7	16.5	1.2	3.0	TRACE	.0	.0	.0	.0	.0	.0	.5	7.3	37.9
7	13.7	9.6	2.1	1.5	.0	.0	.0	.0	.0	TRACE	1.7*	1.3	* 30.1
7	3.7	15.8	1.5	.1	.0	.0	.0	.0	.0	TRACE	1.1	4.1	26.5
7	6.1	10.2	.7	.0	TRACE	.0	.0	.0	.0	TRACE	.8	1.3	37.1
7	22.3	12.0	5.5	11.8	.0	.0	.0	.0	.0	.0	TRACE	.7	54.6
MEAN	7.10	7.80	4.26	1.61	TRACE	.0	.00	.00	TRACE	.00	2.92	7.66	* 15.7
S.D.	4.70	3.953	2.778	2.83	.000	.000	.000	.000	.000	.017	2.042	6.474	1.94
TOTAL OBS	29	763	635	61	637	810	837	837	810	330	509	75	9549

NOTE * BASED ON LESS THAN FULL MONTHS

USAF ETAC FORM 0-88-3 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT FATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

721335 10 1950 FAFB IN

56-82

STATION

STATION NAME

YEARS

PRECIP	NONE	TRACE	AMOUNTS (INCHES)											PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
			0'	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	33.7	17.1	17.3	9.8	5.0	11.0	5.9	1.3						51.2	836			
FEB	41.7	16.7	11.3	6.7	3.7	6.9	3.4	7.7	.5					40.2	763			
MAR	72.1	11.7	7.1	.5	1.8	2.2	2.6							16.1	836			
APR	77.7	2.6	1.4	.1	.1	.4	.1							2.1	810			
MAY	100.7														837			
JUN	100.0														810			
JUL	100.0														837			
AUG	100.0														837			
SEP	100.0														810			
OCT	100.0														836			
NOV	1.7	4.3	3.0	1.0	1.0	.5								5.4	810			
DEC	14.0	16.3	1.0	8.1	3.8	4.3	1.3	1.2						28.8	836			
ANNUAL	7.3	5.7	4.2	2.3	1.3	2.2	1.1	.8	.7					12.0	9858			

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

FROM DAILY OBSERVATIONS

12-335 GRISSON AFB IN
STATION STATION NAME

56-82

YEARS

DAILY SNOW DEPTH IN INCHES

YEAR	MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
56		7	6	3	TRACE	0	0	0	0	0	0	TRACE	4	6
57		2	1	1	2	0	0	0	0	0	0	1	3	7
58		1	3	1	TRACE	0	0	0	0	0	0	2	4	4
59		2	2	2	0	0	0	0	0	0	0	2	1	7
60		1	7	9	0	0	0	0	0	0	0	1	5	6
61		0	5	1	4	0	0	0	0	0	0	TRACE	6	6
62		4	5	7	TRACE	0	0	0	0	0	0	TRACE	4	5
63		0	7	7	0	0	0	0	0	0	0	0	4	7
64		6	7	6	0	0	0	0	0	0	0	1	7	7
65		7	10	5	0	0	0	0	0	0	0	0	2	10
66		1	5	1	1	0	0	0	0	0	0	3	3	6
67		4	6	3	1	0	0	0	0	0	0	3	3	6
68		10	1	0	0	0	0	0	0	0	0	0	0	17
69		0	1	1	0	0	0	0	0	0	0	4	5	5
70		0	3	2	1	0	0	0	0	0	0	TRACE	0	6
71		0	5	1	TRACE	0	0	0	0	0	0	1	TRACE	5
72		4	3	TRACE	TRACE	0	0	0	0	0	0	TRACE	1	4
73		1	TRACE	5	3	0	0	0	0	0	0	0	14	14
74		9	3	1	TRACE	0	0	0	0	0	0	3	5	6
75		0	5	3	1	0	0	0	0	0	0	3	9	6
76		4	7	5	0	0	0	0	0	0	0	1	4	7
77		1	18	4	0	0	0	0	0	0	0	4	23	23
78		14	25	1	0	0	0	0	0	0	0	1	2	25
79		11	18	1	TRACE	0	0	0	0	0	0	2*	3	18
80		1	7	5	1	0	0	0	0	0	0	4	5	7
81		0	3	1	0	0	0	0	0	0	0	1	7	7
82		7	19	3	7	0	0	0	0	0	0	TRACE	2	19
MEAN		5.3	6.7	3.3	2.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	4.7	9.0
SD		4.24	6.205	2.622	1.601	0.000	0.000	0.000	0.000	0.000	0.000	1.418	4.791	6.026
TOTAL OBS		536	763	836	810	837	810	837	817	810	836	810	36	9858

NOTE: * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

- *1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

- *2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

*Values for means and standard deviations do not include measurements from incomplete months.

2
1
CENTRAL CLIMATOLOGY BRANCH
AFETAC
WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS

FROM DAILY OBSERVATIONS

335 5 ISSOM AFB IN
STATION NAME

55-52

YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
YEAR													
1	27 SW	44 NW	45 SW	36 SW	32 NW	27	25 NE	27 W	71 W	25 S	31 S	29	SW 45
2	27 SW	31 N	45 SW	54 SW	50 SW	42 N	42 W	30 W	20 SW	34 W	37 NE	31	SW 59
3	34	36	NW	45 SE	40 SW	37 NW	30 NW	28 W	36 W	21 S	36 W	41	
4	34	39 NE	32 W	49 SW	30	24 NW	31 NW	64 W	20 NW	33 W	37 NW	32	NW 64
5	33 NW	31 W	49 W	40 SW	37 N	20 NW	26 N	40 SW	25 S	26 SW	41 SW	31	W 49
6	44 W	21 SW	50 W	36 SW	27 S	40 S	25 NW	37 W	20 W	30 S	46 SW	31	SW 57
7	39 NW	40 SW	47 SW	40 SW	44 SW	40 NE	37 W	40 W	50	31 W	42 SW	40	W 57
8	37 W	36 W	4 NW	38 S	42 W	32 W	53 NW	22 W	34 W	36 N	41 SW	47	NW 57
9	36	49	36	40 S	36	25 NW	41 W	26 SW	24 SW	30	36 W	44	W 49
10	36	36	33 SW	41 W	50	34 SE	50 SW	34 SE	20 SE	30 SE	52 SE	47	SE 56
11	36	36	36	46	36	36	36	36	36	36	36	36	36
12	36	36	36	36	36	36	36	36	36	36	36	36	36
13	36	36	36	36	36	36	36	36	36	36	36	36	36
14	36	36	36	36	36	36	36	36	36	36	36	36	36
15	36	36	36	36	36	36	36	36	36	36	36	36	36
16	36	36	36	36	36	36	36	36	36	36	36	36	36
17	36	36	36	36	36	36	36	36	36	36	36	36	36
18	36	36	36	36	36	36	36	36	36	36	36	36	36
19	36	36	36	36	36	36	36	36	36	36	36	36	36
20	36	36	36	36	36	36	36	36	36	36	36	36	36
21	36	36	36	36	36	36	36	36	36	36	36	36	36
22	36	36	36	36	36	36	36	36	36	36	36	36	36
23	36	36	36	36	36	36	36	36	36	36	36	36	36
24	36	36	36	36	36	36	36	36	36	36	36	36	36
25	36	36	36	36	36	36	36	36	36	36	36	36	36
26	36	36	36	36	36	36	36	36	36	36	36	36	36
27	36	36	36	36	36	36	36	36	36	36	36	36	36
28	36	36	36	36	36	36	36	36	36	36	36	36	36
29	36	36	36	36	36	36	36	36	36	36	36	36	36
30	36	36	36	36	36	36	36	36	36	36	36	36	36
31	36	36	36	36	36	36	36	36	36	36	36	36	36
32	36	36	36	36	36	36	36	36	36	36	36	36	36
MEAN	40.6	39.3	42.8	44.9	59.2	37.5	37.6	34.1	30.0	34.5	40.5	39.7	53.5
SD	6.311	6.153	6.733	5.691	7.973	10.614	9.629	6.336	5.262	6.280	7.593		9.09
TOTAL OBS	733	662	702	721	669	714	702	692	73	710	730		3447

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

(BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

JOINT CLIMATE BRANCH
AFSTAC
AFSTAC SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 335 STATION NAME J. ISSON AFB IN YEARS 27-41
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	2.5	1.5	.5	.1							2.4	7.4
NNE	.5	.5	.2	.2								2.4	7.4
NE	.5	.5	.5	.2								2.4	7.4
ENE	.5	.5	1.2	.2	.1							2.4	7.4
E	.5	1.5	1.5	.6	.1							2.4	7.4
ESE	.5	1.5	1.5	.6								2.4	7.4
SE	.5	.5	.6	.3								2.4	7.4
SSE	.5	.5	1.6	.2								2.4	7.4
S	.5	1.4	2.3	1.6	.7							2.4	7.4
SSW	.5	1.2	1.8	1.6	.7	.1	.1					2.4	7.4
SW	.5	1.2	2.4	2.6	.7	.4	.1					2.4	7.4
WSW	.5	2.5	1.6	1.4	.4	.2	.1					2.4	7.4
W	1.4	4.5	7.2	6.7	2.5	2.3	.2	.1				2.4	7.4
WNW	.5	2.2	4.0	4.3	1.5	.7						2.4	7.4
NW	.5	1.5	1.7	1.6	.7							2.4	7.4
NNW	.5	1.5	.2	.5								2.4	7.4
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS 7

U.S. AIR FORCE
 WEATHER SERVICE/MAJ

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 334 STATION NAME 73-82 YEARS NORTH
 CLASS ALL AT
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.3	1.3	.1								1.4	2.3
NNE	.1	.	.2									1.4	0.2
NE	.1	.	1.6	1.6	.2							2.4	2.4
ENE	.	.7	1.1	.4									1.1
E	.	1.2	.	.8	.1							1.2	1.3
ESE	.	1.3	.4	.7	.1							1.2	1.3
SE	1.1	.	1.1	.								1.2	1.1
SSE	1.	.	1.3	.6								1.2	1.1
S	.	1.3	2.4	1.4	.6							1.2	1.1
SSW	.	.	1.3	1.7								1.2	1.1
SW	.	2.7	2.7	2.7	.2	.1	.2					1.4	1.1
WSW	.	1.1	1.3	1.3	.6	.2						1.4	1.1
W	1.2	4.	3.0	2.3	2.3	2.7	.2	.1				1.4	1.1
WNW	.4	2.4	3.6	1.4	.4	.2	.1					1.4	1.1
NW	.2	.	1.7	.4	.4							1.4	1.1
NNW	.6	1.7	1.1	.6								1.4	1.1
VARBL													
CALM													
	1.1	21.	23.5	23.5	5.7	2.9	.5	.1				1.4	1.1

TOTAL NUMBER OF OBSERVATIONS 7

LOCAL CLIMATE DATA
 STATION
 STATION SERVICE

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 734 STATION NAME 1000 AF 12 YEARS 12-13
 CLASS ALL STATION
 CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	2.2	1.2	1.7								.9	6.1
NNE	.7		.5	.5		.1						1.0	7.2
NE	.5	1.1	1.4	1.2	.1	.1						1.0	7.0
ENE	.5		.5	.5								.5	6.0
E	.7		.5	.4	.5							.7	7.7
ESE	.7	1.1	1.5	.7								.7	6.7
SE	.5		1.5	.5								.5	6.5
SSE	.5		1.9	.5								.1	7.4
S	.1	1.5	1.5	1.6	.5							.5	6.5
SSW	1.5	1.5	2.5	1.5	.5							.5	6.5
SW	.5	.5	2.3	2.5	.1	.5						2.6	6.4
WSW	.5	1.5	1.5	1.4	.5	.5	.5	.1				.5	11.5
W	1.5	2.3	2.7	.5	2.2	1.5	.5					2.5	11.5
WNW	.5	1.5	2.5	2.7	.5	.4	.3					.5	11.5
NW	.5		1.2	1.4	.5							.5	6.5
NNW	.5	1.5	1.2	.5								.5	6.4
VARBL												.5	
CALM												.5	
	1.5	2.5	2.5	2.3	2.1	2.5	.5	.1				1.5	6.5

TOTAL NUMBER OF OBSERVATIONS 471

U.S. AIR FORCE
 CLIMATE DIVISION
 WASHINGTON, D.C.

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 31 101 STATION NAME 17-10 YEARS 10
 CLASS ALL MONTH 10-11
 CONDITION 10-11

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.	1.	2.7	1.								.7	7.1
NNE	.	.	1.5		.	.1						.	1.5
NE	.	.	1.3	1.6	.1							.5	1.3
ENE	.1	.	1.2	.	.							.	1.1
E	.3	1.1	1.2	.6	.							.	1.1
ESE	.	1.	.4	.	.1							.	1.
SE	.	.	.	.	.							.1	1.
SSE	.	1.	1.7	.	.							.7	1.7
S	.	1.7	3.2	5.5	.5							.	3.2
SSW	.	1.1	1.7	1.8	.							.	1.4
SW	.	1.7	1.7	3.7	.4	.						.	1.7
WSW	.	.	1.6	3.5	.2	.	.					.7	1.4
W	.	1.	3.6	3.5	1.7	.	.					.	1.7
WNW	.	.2	2.6	4.1	1.6	.	.	.				1.1	1.6
NW	.	.1	.5	1.6	.5	.1						.	1.6
NNW	.	1.	.	.1								.7	1.
VARBL												.1	
CALM												.1	
	.2	1.2	1.7	1.2	.	2.3	.9						1.2

TOTAL NUMBER OF OBSERVATIONS 17

1. CLIMATE DIVISION
 DATA
 NATIONAL SERVICE

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME: STATION NAME YEARS: 1950-1959
 CLASS: ALL
 CONDITION:

SPEED (KNTS): DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.	2.4	2.4	1.6	.1							1.7	1.1
NNE	.	.	1.1	.1	.1	.2						1.1	1.1
NE	.	.	.4	1.1	.1							1.1	1.1
ENE	.	.	1.7	1.7								1.1	1.1
E	.1	1.1	1.7	1.7	.2	.1						1.1	1.1
ESE	.4	1.1	1.1	.8								1.1	1.1
SE	.	1.1	.4	.6								1.1	1.1
SSE	.1	.	1.1	1.7	.7	.2						1.1	1.1
S	.4	1.1	.2	2.4	.7							1.1	1.1
SSW	.	.	2.2	1.6	.7	.1						1.1	1.1
SW	.	1.1	1.7	1.1	.7	.1	.1					1.1	1.1
WSW	.	1.1	1.1	2.4	1.4	.3	.6					1.1	1.1
W	.	1.4	.2	1.1	4.4	.2	.6					1.1	1.1
WNW	1.7	1.1	2.7	4.1	2.8	.2	.3					1.1	1.1
NW	.	.	1.2	1.7	.4							1.1	1.1
NNW	.	.	.3	1.1	.2							1.1	1.1
VARBL												1.7	
CALM												1.7	

TOTAL NUMBER OF OBSERVATIONS

FAI CLIMATOLOGY SEARCH
 ALIAC
 EAST ASIA SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 355 STATION NAME UICSIKIN, IN YEARS 13-9 MONTH JA
 CLASS ALL WEATHER MONTH 11-1700
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	1.0	2.3	1.0	.4	.1						.5	4.9
NNE		.1	.1	.1								1.0	10.0
NE	.4	1.1	1.2	.6								.4	6.0
ENE	.0	.0	1.0	1.0								.7	9.0
E	.0	1.1	1.0	1.6	.7							4.3	4.9
ESE	.0	.0	.0	.0								.7	5.7
SE	.0	1.1	1.2	.0								.4	7.3
SSE	.1	.0	1.0	1.4	.3	.0						4.0	10.0
S	.0	1.4	1.2	2.4	.7	.1						.5	10.0
SSW	.0	.0	.0	1.0								.5	5.9
SW	.0	1.1	1.2	1.0	.0							.1	5.7
WSW	.0	1.0	1.0	2.0	.0	.0	.1					.0	12.0
W	.1	1.0	1.0	2.0	0.1	1.0	1.1	.1				.1	13.0
WNW	.0	1.0	2.0	3.0	2.0	.0	.1					.0	12.0
NW	.0	.0	1.0	1.0	.0							4.0	10.0
NNW	.0	.0	1.0	1.0	.1							.0	9.1
VARBL													
CALM													
	.6	15.5	1.9	11.0	10.0	3.3	1.7	.1				1.0	10.0

TOTAL NUMBER OF OBSERVATIONS 17

U.S. AIR FORCE
 14-00000
 14-00000

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 301 STATION NAME 17-00 YEARS MONTH 17-00 HOURS (L.S.T.)

CLASS ALL-FAIR

CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.0	2.0	1.6	.8	.0	.1						2.2	7.4
NNE		.0	.2	.0								1.1	4.1
NE	.1	.0	.3	.0								1.0	4.0
ENE	.1	.0	1.0	.0	.1							2.4	7.0
E	.0	1.0	1.0	1.0								.0	7.0
ESE	.0	1.1	.4	.1								.0	2.7
SE	.4	.0	1.2	.4	.1							.0	7.7
SSE	.0	.0	2.2	.0	.0	.1						.0	4.0
S	1.1	1.0	2.0	2.7	.0	.1	.1					.7	9.1
SSW	.1	1.2	1.4	.0	.0	.0						.0	4.1
SW	.0	1.0	1.9	1.0	.4	.0						.0	4.0
WSW	.0	1.0	2.0	1.0	.0	.0	.1					1.0	7.4
W	1.0	4.0	5.6	5.0	2.3	1.0	.0	.1				7.7	11.0
WNW	.0	1.0	3.1	3.2	1.7	.1	.0					11.1	11.0
NW	.1	.4	1.2	1.7	.0	.1						2.2	12.7
NNW	.4	.0	1.1	.4	.1							.0	7.0
VARBL													
CALM													
	.0	2.0	7.4	2.4	6.0	2.4	1.3	.1				22.0	7.4

TOTAL NUMBER OF OBSERVATIONS 230

JOINT CLIMATOLOGY BRANCH
 AFSTAC
 WEATHER SERVICE/NA

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 01000 AFSTAC 10-AL YEARS 01 MONTH 01
 CLASS ALL WEATHER
 HOURS (LST) 100-1000
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.	1.7	1.7	.5	.7							1.7	1.4
NNE	.	.	.5	.5	.7							1.7	1.4
NE	.	.	.5	.5	.7							1.7	1.4
ENE	.	.	1.4	.4								.5	.5
E	.	1.7	.5	1.6	.1							7.5	7.1
ESE	.	1.7	.5	.4								.5	.5
SE	.	.5	1.1	.5	.1							1.7	6.5
SSE	.	.5	.6	1.7	.1							.5	.5
S	.	2.5	3.6	2.8	.5							.5	7.4
SSW	.	.	1.6	3.6	.5							.5	1.5
SW	.	2.5	1.7	1.7	.1	.5	.1					7.5	6.7
WSW	.	1.7	2.5	1.6	.5	.5	.1	.1				1.1	1.1
W	1.5	4.4	6.3	6.6	2.9	1.3	.5	.5				2.5	11.3
WNW	.	1.7	3.7	2.8	1.5	.4						1.5	11.1
NW	.	1.1	2.4	1.6	.5							.4	7.4
NNW	.	.	1.1	.5								.3	7.6
VARBL													
CALM												.1	
	.2	21.7	1.2	26.7	7.1	2.5	1.1	.3				1.7	6.5

TOTAL NUMBER OF OBSERVATIONS 100

U.S. AIR FORCE
STATION
STATION NAME

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 307 STATION NAME U.S. AIR FORCE STATION YEARS 73-74 MONTH 12
CLASS ALL-WEATHER
CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	.2	1.7	1.1	.1	.1						2.7	7.7
NNE	.1	.1	.6	.4	.1	.1						1.7	3.3
NE		.1	1.7	.7	.1	.1						2.8	7.1
ENE		.1	1.1	.7	.1	.1						2.7	6.6
E	.1	1.1	1.1	1.6	.7	.1						3.3	9.1
ESE	.1	1.1	.6	.6	.7	.1						2.8	7.1
SE	.1	.1	1.2	.6	.7	.1						2.8	7.3
SSE	.1	.1	1.6	.8	.1	.1						3.7	8.7
S	.1	1.1	2.2	2.3	.4	.1	.1					7.3	9.7
SSW	.1	1.1	1.2	1.1	.3	.1	.1					.4	7.1
SW	.1	1.1	1.7	2.1	.7	.1	.1					.4	9.7
WSW	.1	1.1	1.8	1.6	.7	.4	.2	.1				7.1	11.6
W	.1	1.1	2.4	7.5	3.2	1.7	.6	.1				14.1	14.3
WNW	.1	1.1	3.2	3.7	1.5	.5	.1					11.6	11.7
NW	.1	.1	1.5	1.6	.4	.1						4.4	12.1
NNW	.1	.1	.1	.1	.1							2.8	7.7
VARBL													
CALM												.5	

TOTAL NUMBER OF OBSERVATIONS 744

1
JUNIOR CLIMATOLOGY BRANCH
USAFETAC
ATMOSPHERIC SERVICE/NAO

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 367 STATION NAME GUNSON AFB IN YEARS 13-17 NORTH
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	.	1.1	1.4	.4							7.1	3.2
NNE	.4	.	.7	.6								2.2	7.7
NE	.	1.4	1.2	.7	.7							5.2	8.5
ENE	.	1.7	1.6	.6	.7	.1						5.5	6.8
E	.4	1.7	.7	1.3	.4							5.7	6.8
ESE	.4	1.7	.6	.1								2.2	5.5
SE	.7	.7	.6	.	.							2.1	5.5
SSE	.2	1.4	1.5	.7	.1							4.7	5.5
S	1.7	2.9	1.9	1.1	.6	.4						5.1	5.5
SSW	.7	2.2	.7	2.4	.1							5.3	5.5
SW	.7	2.1	1.6	3.4	.5							5.2	5.9
WSW	.7	1.7	1.5	.6	.4							5.3	7.9
W	1.7	3.3	3.6	4.6	1.3	.5						14.2	10.1
WNW	.7	1.7	3.0	2.4	.2							7.2	9.3
NW	.	.	1.1	.7	.1							2.5	7.7
NNW	.7	1.1	2.7	.7								5.1	5.3
VARBL													
CALM												7.0	
	1.3	24.6	27.5	21.0	5.6	.9						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 143

U.S. AIR FORCE
 AFETAC
 AIRCRAFT SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 36 STATION NAME U.S. AIR FORCE IN YEARS 72-73 MONTH FL
 CLASS ALL WEATHER HOURS (LST) 700-2000
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	2.5	2.5	.7	.4	.1						1.1	2.5
NNE	.5	.5	.8	.5	.1							.8	7.1
NE	.5	1.7	1.4	.5								.8	7.4
ENE	.5	1.5	2.5	.7	.5							.4	5.5
E	.7	1.4	2.4	1.7								.5	3.5
ESE	.4	.5	.9	.5								.4	7.5
SE	.5	.7	.1									.4	7.5
SSE	1.5	1.7	.5	.5								1.7	5.9
S	1.5	2.5	3.5	1.7	.2							1.5	7.1
SSW	.1	2.5	1.5	2.5	.1							1.5	5.3
SW	.5	2.5	1.4	2.5	.2							7.3	2.5
WSW	1.5	1.5	1.7	.4	.1	.4						.5	7.5
W	1.1	2.5	5.4	4.5	1.5							1.5	1.1
WNW	.1	1.2	2.2	2.5	.1							.5	4.5
NW	.5	1.1	.7	.4								.5	5.2
NNW	.4	1.1	1.7	.5	.2							.5	5.5
VARBL													
CALM												.4	
	1.5	25.4	29.5	20.7	3.2	.5						20.2	7.5

TOTAL NUMBER OF OBSERVATIONS 295

U.S. AIR FORCE CLIMATE DIVISION
 AFM 1-1
 WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 32 0150000000 STATION NAME 12-80 YEARS 71 MONTH 11-80
 CLASS ALL WEATHER HOURS (LST) 0000-0000
 CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.2	1.2	.5	.1	.2						4.1	7.3
NNE	.1	1.2	1.1	.5	.1	.2						4.7	7.3
NE	.1	1.2	1.2	1.7	.1	.2						4.4	7.4
ENE	.1	1.2	2.8	1.6	.1	.2						5.7	8.2
E	1.1	1.2	3.7	1.5	.3	.2						7.3	7.9
ESE	.1	1.2	1.4	1.1	.1	.2						5.8	6.9
SE	.1	1.1	.8	.1	.1	.2						5.7	5.7
SSE	.1	1.3	1.2	.3	.1	.2						.7	5.7
S	.1	2.1	1.7	2.5	.4	.1						.6	5.8
SSW	.1	1.2	2.3	2.3	.1	.2						6.8	7.4
SW	.2	1.1	2.5	2.3	.1	.2						7.8	6.8
WSW	1.1	2.5	1.3	.6	.1	.2	.1					1.7	7.3
W	1.1	2.3	3.4	4.3	1.7	.2						1.5	1.5
WNW	.1	1.4	1.5	2.3	.1	.2						.1	7.5
NW	.1	1.3	1.3	.7	.1	.2						3.4	7.5
NNW	.1	1.2	1.2	.5	.1	.2						1.7	7.5
VARBL												.9	
CALM													
	1.4	24.0	24.0	21.6	4.5	.7	.1					100.2	7.5

TOTAL NUMBER OF OBSERVATIONS 740

AL CLIMATE LOG CRANCH
STAC
FATHER'S RIVIERA AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 01000 AF 3 21 73-01 MONTH 1-12 HOURS 1-24

STATION NAME CLASS ALL-WEATHER CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	.1	1.1	.7	.1							1.2	7.1
NNE	.1	.1	1.2	.7	.1	.1						1.4	1.2
NE	.1	.7	1.6	1.8	.7	.1						1.4	1.2
ENE	.1	1.4	1.8	2.5								1.4	1.2
E	.1	2.7	2.7	1.2	.4							2.1	1.2
ESE	.1	.1	1.8	1.1	.1							1.1	1.4
SE	.1	.1	1.7	.6								1.0	7.1
SSE	.7	1.3	.4	.7	.1							.7	1.2
S	.7	1.3	2.1	1.3	.1							.7	1.2
SSW	.1	1.4	3.2	2.6	.5	.2						.1	1.2
SW	.1	.9	2.1	2.6	.7	.4	.1					.1	1.2
WSW	1.2	1.7	.7	1.6	.2	.1						.1	1.2
W	1.7	3.6	4.1	2.2	1.2	.7						1.4	1.2
WNW	.1	.7	2.2	2.5	.7	.1						.1	1.2
NW	.7	.7	1.1	.1								.1	7.1
NNW	.1	.7	1.4	.7								.4	7.1
VARBL													
CALM													
	1.1	22.7	29.2	25.8	6.1	1.3	.1					1.4	1.2

TOTAL NUMBER OF OBSERVATIONS 41

U.S. AIR FORCE
 U.S. AIR FORCE
 U.S. AIR FORCE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION NAME: AFU 1 YEARS: 17-21 NORTH: 11-14-15
 CLASS: ALL WEATHER
 CONDITION:

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	1.1	2.1	1.5	.1							.4	6.5
NNE		.4	1.1	1.5	.4	.1						.2	11.5
NE		.4	1.3	1.4	.1							.3	1.6
ENE		.7	1.9	1.7	.5							.4	2.6
E	1.1	2.1	2.5	1.5								1.1	7.4
ESE	.7	.7	1.4	1.5								1.3	7.4
SE	.1		.7	.7								.3	5.5
SSE	.1	1.1	1.7	.7	.1							.3	5.7
S	.4	.7	2.5	1.5	.1	.1						.5	7.7
SSW		1.7	3.3	2.7	.3	.1						.8	11.5
SW	.7	.5	3.3	3.5	1.1	.1						1.8	11.1
WSW		1.4	3.5	2.1	1.4	.4	.1					.5	11.3
W		.4	4.5	3.7	2.5	1.7	.3					1.3	11.5
WNW		1.7	1.7	2.4	.7	.6						.4	11.9
NW	.1	.7	1.8	1.5	.7	.6						4.7	10.7
NNW			1.3	1.3	.3	.1						.7	1.1
VARBL													
CALM													
	.6	18.7	31.6	21.9	5.7	3.7	.4					12.2	14.1

TOTAL NUMBER OF OBSERVATIONS 44

U.S. AIR FORCE
 CLIMATE DIVISION
 WASHINGTON, D.C.

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 73 STATION NAME USSA 150 IN YEARS 1956 MONTH 1

CLASS ALL HOURS (LST) 1700

CONDITION _____

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.7	1.6	2.1	.7	.5	.1					4.2	11.1
NNE	.1	.1	1.1	1.1		.1						4.2	1.1
NE	.1	.1	1.4	2.1								4.6	1.1
ENE	.1	.1	.6	2.1	.7	.1						1.7	1.1
E	.1	1.1	2.7	1.7	.1							.6	.1
ESE	.2	.1	2.4	.7	.1							.6	7.7
SE	.1	.1	.7	.7	.7							1.7	1.1
SSE	.1	.1	.7	.7	.7							.7	.4
S	.1	.1	1.0	1.2								.7	.1
SSW	.1	1.1	2.7	2.7	.7							.7	1.1
SW	.1	.7	1.7	2.7	1.5							.7	1.1
WSW	.1	.1	2.1	2.5	.4	.1						.7	1.1
W	.1	.1	3.6	2.3	2.5	1.1	.4	.1				1.7	1.1
WNW	.1	.1	1.2	3.7	.5	.7						1.1	1.1
NW	.1	.1	.7	1.7	.5	.4						1.1	1.1
NNW	.1	.1	2.1	1.7	.1							4.7	9.6
VARBL													
CALM													
	1.8	1.5	1.9	2.2	7.3	2.6	.5	.1					1.1

TOTAL NUMBER OF OBSERVATIONS 245

U.S. AIR FORCE CLIMATOLOGICAL BRANCH
 AFMTCAC
 AIR WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 305 STATION NAME 018504 E. 11 YEARS 73-80 NORTH 11.2
 CLASS ALL-WEATHER
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.2	1.0	1.0	.5	.1						.4	.4
NNE	.5	.7	.9	.6								.4	.4
NE	.1	.	1.3	1.7	.2							.1	.4
ENE	.1	1.0	1.1	2.5	.4							.4	.4
E	.5	3.2	2.7	.6								.4	.4
ESE	.	.7	1.2	.4								.1	.4
SE	.	.7	.6	.4								.1	.4
SSE	1.0	1.7	.6	.6	.1							.4	.4
S	.5	2.7	1.7	.6								.7	.7
SSW	.5	2.7	2.1	2.7	.1	.2						.7	.7
SW	.	1.4	1.7	1.5	.5	.1						.7	.4
WSW	.	2.2	.6	1.4	.1							.7	.7
W	1.0	3.0	.6	.7	1.2	.4	.1					.4	.4
WNW	.4	.1	2.1	2.5	.7	.4						.1	1.0
NW	.4	.1	.6	1.2	.4	.1						.7	1.0
NNW	.7	.	1.9	2.4	.7							.7	.4
VARBL													
CALM													
	1.2	25.5	25.9	25.9	4.4	1.7	.1					1.0	.4

TOTAL NUMBER OF OBSERVATIONS 42

LOCAL CLIMATOLOGY BRANCH
 WLT C
 WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 301 MISSION AFB TX 7-84 YEARS 7 MONTH 7

STATION NAME MISSION AFB TX CLASS ALL WEATHER HOURS (LST) 100-200

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.3	2.3	1.2	.2							7.4	7.3
NNE	.7	.7	.9	.4	.1							.8	7.6
NE	.4	1.3	1.1	1.4								1.1	6.6
ENE	.4	1.7	1.2	1.4	.5	.4						1.6	1.1
E	1.2	1.5	1.6	1.3	.9							1.1	6.1
ESE	.4	1.1	1.7	.5								1.4	7.3
SE	.4	1.4	.7	.4								.4	6.2
SSE	.4	1.1	.1	.1		.1	.2					1.1	7.6
S	1.1	3.7	1.8	1.4	.1	.1						.8	7.4
SSW	.7	2.1	1.2	1.7	.5							1.4	3.4
SW	.7	2.1	1.7	2.4	.5							1.4	7.3
WSW	.7	1.3	2.1	.6	.4	.2						1.1	6.2
W	1.4	4.2	4.9	2.1	1.1	.5						1.6	7.6
WNW	.4	1.4	2.0	1.2	.4							.4	7.6
NW	.4	.1	1.4	1.7	.1	.2						1.2	1.2
NNW	.4	1.1	1.1	1.7								1.1	6.9
VARBL													
CALM													
	1.2	26.7	47.4	21.1	5.1	1.5	.2					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 46

JOINT CLIMATE LOGIC RESEARCH
 USAFETAC
 WEATHER SERVICE / AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 307 0150M REF IN 77-01
 STATION NAME YEARS MONTH
 ALL (ATHER) CLASS
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.0	2.0	1.0	.0	.0	.0					.0	1.0
NNE	.0	.0	1.0	.0	.1	.1						.0	1.0
NE	.0	1.0	1.0	.0	.1	.0						.0	1.0
ENE	.0	1.0	1.0	1.0	.0	.1						.0	1.0
E	.0	2.0	2.0	1.0	.0							.0	1.0
ESE	.0	1.0	1.0	.0	.0							.0	1.0
SE	.0	.0	.0	.0	.0							.0	1.0
SSE	.0	1.0	.0	.0	.1	.0	.0					.0	1.0
S	1.0	2.0	2.0	1.0	.0	.0						.0	1.0
SSW	.0	1.0	2.0	2.0	.0	.0	.0					.0	1.0
SW	.0	1.0	1.0	2.0	.0	.1	.0					.0	1.0
WSW	.0	1.0	1.0	1.0	.0	.0	.0					.0	1.0
W	1.0	2.0	4.0	4.0	1.0	.0	.1	.0				.0	1.0
WNW	.0	1.0	2.0	2.0	.0	.0	.0	.0				.0	1.0
NW	.0	.0	1.0	1.0	.0	.0						.0	1.0
NNW	.0	.0	1.0	1.0	.0	.0						.0	1.0
VARBL													
CALM													
	11.1	22.4	22.2	22.0	2.0	1.0	.2	.0				10.0	1.0

TOTAL NUMBER OF OBSERVATIONS 6766

1. NAME OF STATION
 2. LOCATION
 3. DATE OF OBSERVATION

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME: 73-23 YEARS: 0 MONTH: 00
 CLASS: ALL CONDITION: ATM
 HOURS: 12

SPEED (KNTS): DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	2.0	1.7	1.2								1.1	7.2
NNE		1.2	1.0	0.5	0.1							1.1	6.1
NE		0.2	1.1	1.0	0.3	0.1						1.1	10.0
ENE		1.0	1.5	1.0	0.5	0.1						0.5	6.3
E		3.0	2.6	2.6	0.3							0.3	6.4
ESE	1.3	1.0	1.3	0.7	0.1							0.4	6.0
SE		1.2	1.5	0.5	0.1							0.4	6.0
SSE		2.0	1.5	0.5	0.1							0.4	6.0
S	1.1	2.0	2.6	1.7	0.7							1.0	7.7
SSW		0.5	1.9	1.4	0.7	0.1						0.7	7.7
SW		1.3	2.4	1.0	0.5	0.1						0.7	7.2
WSW		1.2	1.5	1.5	0.5							0.4	6.7
W	1.7	2.0	2.6	1.4	1.0	0.5						0.4	7.3
WNW	0.1	1.4	1.6	2.5	0.5	0.1						0.4	10.2
NW		1.2	2.2	1.0	0.7							0.9	6.0
NNW			1.2	0.4	0.2							0.3	7.1
VARBL													
CALM													
	1.0	20.2	29.5	10.7	5.7	1.4						10.0	6.8

TOTAL NUMBER OF OBSERVATIONS: 97

1. JAL CLIMATELOGY BRANCH
 2. JAC
 3. WEATHER SERVICE/AFM

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 347 STATION NAME MISSION AFB IN YEARS 23-42 MONTH 4
 CLASS ALL FAIR
 CONDITION
 HOURS (L S Y) 000-000

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.	1.1	1.1	1.1	.1	.						.4	2.1
NNE	.	1.1	.	.	.1							.7	6.7
NE	.	1.1	1.1	1.1	.1							.1	1.8
ENE	.	1.7	1.4	1.1	.4							.1	1.1
E	.	2.3	1.1	1.1								.1	6.1
ESE	.2	2.1	1.7	.1								.1	1.1
SE	.	1.1	1.1	1.1	.1							.1	1.1
SSE	.4	2.3	1.1	1.1	.1							.1	7.7
S	.1	1.1	1.1	1.1								.1	7.1
SSW	.	1.1	1.1	1.1	.1							.1	1.1
SW	.1	1.1	1.1	1.1	.1							.1	1.1
WSW	1.1	2.1	1.1	1.1	.4	.1						.1	7.1
W	.	2.1	2.1	1.1	1.1	.4						.1	7.1
WNW	.	1.1	1.1	1.1	.1	.1						.1	7.1
NW	.	1.1	1.1	1.1	.1							.1	7.1
NNW	.	.	.1	.1	.1							.1	1.1
VARBL													
CALM													
	11.5	2.5	3.6	1.1	4.4	.1						1.1	7.7

TOTAL NUMBER OF OBSERVATIONS 730

AL CLIM TOLOGR STANCH
 METAC
 WEATHER SERVICE / TAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 307 STATION NAME 0105 WAFB 1 YEARS 13-50 NORTH 42-28-00
 ALL-WEATHER CLASS 120-28-00
 CONDICTION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.4	2.4	1.1	1.1	1.1						1.1	2.7
NNE			1.1	1.1	1.1	1.1						1.1	7.5
NE	1.1	1.1	1.1	1.1	1.1	1.1						1.1	6.1
ENE		1.1	1.1	1.1	1.1	1.1						1.1	1.4
E		1.1	2.4	1.1	1.1	1.1						1.1	6.5
ESE		1.1	1.1	1.1	1.1	1.1						1.1	6.1
SE		1.1	1.1	1.1	1.1	1.1						1.1	6.1
SSE	1.1	1.1	2.4	1.1	1.1	1.1						1.1	7.1
S	1.1	1.1	3.7	1.1	1.1	1.1						1.1	6.1
SSW		1.1	1.1	1.1	1.1	1.1						1.1	6.1
SW		1.1	2.4	1.1	1.1	1.1						1.1	6.1
WSW	1.1	1.1	1.1	1.1	1.1	1.1						1.1	6.1
W		1.1	1.1	1.1	1.1	1.1						1.1	7.1
WNW		1.1	2.4	1.1	1.1	1.1						1.1	6.1
NW		1.1	1.1	1.1	1.1	1.1						1.1	7.1
NNW	1.1		1.1	1.1	1.1	1.1						1.1	6.1
VARBL													
CALM													
	1.1	2.4	1.1	1.1	1.1	1.1						1.1	6.1

TOTAL NUMBER OF OBSERVATIONS 12

U.S. AIR FORCE CLIMATOLOGY BRANCH
 AFM 1-1
 1-1-64

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 30 STATION NAME USAFETAC YEARS 1964 MONTH MAY
 CLASS ALL DATA HOURS (LST) 00-2300
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	2.0	2.3	2.2	.5							7.7	9.0
NNE	.1	.1	.5	.6								1.2	1.0
NE	.1	.1	1.7	1.4	.7	.1						2.7	1.8
ENE	.1	.1	1.7	1.3	.7							2.7	1.8
E	.1	2.2	2.3	2.3	1.1							6.6	2.7
ESE	.1	1.7	2.7	.4								4.4	7.0
SE	.1	1.7	3.6	1.2								6.7	6.8
SSE	.1	.1	2.7	2.6	.5							6.6	6.4
S	.1	1.4	3.6	.6	1.1	.1						6.7	9.0
SSW	.1	1.1	2.6	3.7	.9	.1						.1	11.8
SW	.1	.1	1.7	2.3	1.2	.1						4.7	12.7
WSW	.1	.1	1.3	2.6	.5	.1						.1	13.0
W	.1	.1	4.6	3.9	.9	.1	.1					11.8	11.3
WNW	.1	1.1	2.6	3.1	1.4							6.3	11.0
NW	.1	1.1	1.6	.6	.7							3.2	7.0
NNW	.1	.1	1.6	1.6	.7	.1						4.7	11.0
VARBL													
CALM													
	.3	17.0	34.5	23.4	9.0	2.3	.1					100.0	10.7

TOTAL NUMBER OF OBSERVATIONS 970

1. TOTAL CLIMATE DATA CENTER
2. STATION
3. DATE

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 30 STATION NAME 17-61 YEARS 48 NORTH
CLASS ALL DATA
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		1.7	1.7	1.7	.7							2.1	2.1
NNE	.1	.7	1.2	.5								2.5	2.5
NE		.7	1.2	1.4	.7	.7						2.5	2.5
ENE			1.7	1.4	.6	.1						2.5	2.5
E	.1	1.1	1.4	2.6	.4							2.5	2.5
ESE		1.7	1.7	.6								2.5	2.5
SE	.1	.7	.7	1.7	.7							2.5	2.5
SSE		1.7	.7	1.7	.7							2.5	2.5
S	.7	1.4	2.4	2.4	.7	.7						2.5	2.5
SSW	.1	.7	2.7	2.7	1.7	.7	.1					2.5	2.5
SW	.1	1.1	1.1	2.4	1.7	.7	.7					2.5	2.5
WSW	.1	.7	1.4	2.7	1.1	.7						2.5	2.5
W	.1	1.7	.7	.7	1.6	1.7	.1					2.5	2.5
WNW	.4	.7	2.8	4.7	1.1	.7						2.5	2.5
NW	.7	1.1	2.4	1.6	.4	.4						2.5	2.5
NNW	.7	.4	1.6	1.6	1.1	.1						2.5	2.5
VARBL													
CALM													
	1.7	13.7	30.2	34.2	11.2	5.5	.5					2.1	11.4

TOTAL NUMBER OF OBSERVATIONS 97

LOCAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/NAAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 307 STATION NAME MISSION AFB IN YEARS 13-14 MONTH MA
CLASS ALL WEATHER HOURS (LST) 1400-2000
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	1.0	2.2	1.0								4.2	4.2
NNE	.0	.0	1.0	.0								1.0	1.0
NE	.0	.0	1.1	1.0	.1							2.2	2.2
ENE	.0	1.0	1.3	2.5	.5	.1						5.4	10.1
E	.0	2.7	3.0	1.7	.3	.1	.1					6.9	2.9
ESE	.0	1.0	1.0	.0								2.0	2.0
SE	.0	1.0	.0									2.0	2.0
SSE	.0	1.0	.3	.0	.3							1.6	1.6
S	.0	2.0	2.0	1.4	.1	.0	.0					3.5	7.5
SSW	.0	.0	2.4	2.0	.0	.0						4.4	11.4
SW	.0	.0	1.3	1.1	.0	.0						2.4	11.0
WSW	.0	1.7	1.0	1.1	.1	.0						2.8	5.7
W	.0	2.0	3.4	2.0	.0	.0	.1					5.5	10.7
WNW	.4	.0	3.1	2.6	1.1							7.2	10.7
NW	.0	.0	2.2	2.3	.0	.0						4.5	10.4
NNW	.0	1.4	1.0	2.0								4.4	7.3
VARBL													
CALM												1.1	
	40.0	23.0	29.0	25.1	5.5	2.0	.4					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 931

U.S. AIR FORCE
 AIRCRAFT
 WEATHER SERVICE

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 384 CROSS REFERENCE 18-90 MONTH 4
 STATION NAME ALL ATED YEARS 1950-1951
 CLASS ALL ATED MONTH 4
 CONDITION ALL ATED HOUR (LST) 18-00

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.0	1.0	1.0								2.4	7.5
NNE		1.0	1.0	1.0	.3							2.4	6.5
NE	.3	1.0	1.0	1.0	.1							2.4	5.5
ENE	.3	1.0	2.3	.8	.3							2.4	4.5
E	.3	2.3	3.0	2.6	.3							2.4	3.5
ESE		1.0	2.0	.6								2.4	2.5
SE	.1	2.3	1.0	.4								2.4	1.5
SSE	1.1	1.0	.3	.3	.3							2.4	0.5
S		2.3	1.0	1.7	.6	.3	.1					2.4	0.4
SSW		1.0	1.0	2.6	.6	.1						2.4	0.4
SW		1.0	1.6	1.1	.5	.1						2.4	0.1
WSW		2.3	1.5	1.0	.5							2.4	0.2
W	.3	1.0	2.3	1.7	.5	.6	.1					2.4	1.1
WNW	.3	1.1	2.3	1.0	.5							2.4	0.6
NW	.3	1.0	1.0	1.0	.5	.3						2.4	0.4
NNW		1.1	1.4	.4	.1							2.4	0.2
VARBL													
CALM												1.1	
	11.0	25.0	3.5	2.5	6.6	1.7	.2					100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 131

FEDERAL CLIMATOLOGY BRANCH
 AFETAC
 AIR FORCE WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 130 0 18004 AFAC 17-00 MONTH 17
 STATION NAME ALL DATA YEARS 17-00
 CLASS ALL DATA
 CONDITION ALL DATA
 HOURS (LST) 17-00

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	2.0	2.2	.4								1.1	5.0
NNE	.	1.0	.3	.7								.3	0.1
NE	.	1.4	1.1	.4	.3							1.1	0.2
ENE	.2	1.0	1.2	.7	.7	.1						1.1	0.1
E	1.7	1.0	3.7	1.4	.6							.9	2.3
ESE	.	1.7	1.0	.1	.4	.1						.4	7.0
SE	1.0	2.1	1.1	.7								.3	0.1
SSE	1.2	2.3	1.2	.4	.3	.1						.0	0.1
S	.	2.0	1.0	1.6								.0	7.0
SSW	.	2.0	3.2	3.6	.7							.4	1.4
SW	.	1.3	.3	1.0	.4		.1					.3	10.1
WSW	.	1.1	1.3	.6	.7	.3						.2	0.6
W	.1	1.2	1.9	3.1	.7	.7						.4	11.1
WNW	.	.9	2.0	1.6	.7		.7					.4	7.0
NW	.7	3.3	2.3	.7	.7	.1		.1				.5	0.1
NNW	1.7	1.0	.7	.1	.7	.7						.3	0.2
VARBL													
CALM													
	1.0	2.7	5.4	15.7	4.7	1.2	.3	.1				17.2	7.3

TOTAL NUMBER OF OBSERVATIONS 17-00

AF CLIMATE LOG - ANCH
 STAG
 WEATHER SERVICE / AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 7-1 STATION NAME 7-2 YEARS MONTH 4-1
 CLASS ALL DATA
 HOURS 11-1-500
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.7	2.1	1.3	1.7								1.3	1.4
NNE	.7	.7	.7	.7								1.0	1.2
NE	.4	1.0	.7	.7	.7	.1						1.0	1.4
ENE	.4	2.2	1.6	.7	.1	.1						.1	1.4
E	.7	2.0	2.0	2.1	.7							.6	1.4
ESE	.4	2.2	1.7	.7		.1						.3	1.4
SE	.7	2.0	1.7	.7	.1							.4	1.4
SSE	1.1	2.0	1.1	.7								.4	1.4
S	1.0	3.4	2.6	1.1	.1	.1						1.3	1.4
SSW	.4	2.7	2.2	1.3		.1						.6	1.4
SW	.4	1.7	1.9	2.1	.3							.6	1.4
WSW	.4	.7	.9	1.1	.4	.1						.4	1.4
W	.4	2.1	2.3	2.1	.7	.6						1.3	1.4
WNW	.4	2.0	1.6	1.0	.3							.6	1.4
NW	.7	1.0	1.4	.6	.1							4.7	1.4
NNW	1.7	1.0	.7	.7	.7							1.0	1.4
VARBL													
CALM												.0	
	11.4	51.3	25.1	16.9	3.4	1.2						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 500

CENTRAL CLIMATOLOGY BRANCH
AFETAC
WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 334 GISSON AFB IN 77-82 YEARS NORTH
CLASS ALL WEATHER
HOURS (LST) 000-7500

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.0	2.0	1.0								1.0	7.0
NNE			.7	1.0								.7	3.0
NE		2.0	.6	.1	.1	.4						.6	7.0
ENE	1.0	1.0	1.4	1.4	.7	.1						.6	6.0
E		1.0	3.3	3.3	.1							.6	5.0
ESE	.7	2.1	1.3	1.1	.3							.4	7.0
SE	.7	1.0	1.1	.1								.7	5.0
SSE	.7	1.2	2.2	.7	.1							.6	6.0
S	.6	2.0	4.2	.6	.2							.8	7.0
SSW	.4	1.2	2.1	1.2	.1							.4	7.0
SW	.5	1.2	2.7	1.8								.1	7.0
WSW	.0		1.6	1.7	.4	.2						.0	10.7
W	.4	2.0	2.2	2.1	.3	.1						.6	7.0
WNW	.0	1.0	1.0	1.4	.0	.1						.4	7.0
NW	.0	1.0	1.0	.0	.3	.1						.1	6.3
NNW	.7	1.0	.7	.0	.2							.0	7.0
VARBL													
CALM													
	1.1	2.0	30.2	1.6	3.9	1.3						1.0	7.0

TOTAL NUMBER OF OBSERVATIONS 900

U.S. AIR FORCE CLIMATE DATA CENTER
 AFMPC
 WASHINGTON, D.C.

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 32 STATION NAME USAF AFB YEARS 1951-1952 MONTH ALL
 CLASS ALL WEATHER HOURS 12-1100
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	2.2	2.7	2.1	.4							7.4	1.1
NNE	.1	1.2	1.2	1.3								4.1	1.1
NE	.2	.7	.6	.7	.4	.2						2.1	1.1
ENE	.4	1.1	.7	1.1	.1	.1						2.1	1.1
E	.4	2.2	2.1	2.2	.5							10.1	1.1
ESE	.5	1.2	2.1	1.4	.1							4.1	1.1
SE	.5	1.2	1.2	.5	.1							4.1	1.1
SSE	.2	.7	2.7	1.2	.1	.1						4.1	1.1
S	.5	1.2	1.2	2.2	.3	.1						7.7	1.1
SSW	.5	1.1	1.2	2.2	.6	.2						7.7	1.1
SW	.1	.5	1.2	2.2	.7	.1	.1	.1				7.7	1.1
WSW	.7	.3	.9	4.2	1.1	.2		.1				7.7	1.1
W	.4	.5	2.4	3.3	1.4	.2						10.1	1.1
WNW	.5	.4	1.2	2.2	.4	.2						7.7	1.1
NW	.7	1.5	2.5	1.6	.5	.2						7.7	1.1
NNW	.4	.5	1.4	1.2	.2							4.7	1.1
VARBL													
CALM													
	.5	17.2	25.8	34.7	7.4	2.1	.1	.2				100.0	1.1

TOTAL NUMBER OF OBSERVATIONS 1100

U.S. AIR CLIMATOLOGY BRANCH
 WETAC
 WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 304 STATION NAME MISSION AFB TX YEARS 77-81 MONTH Aug
 CLASS ALL WEATHER
 HOURS (LST) 1200-1400
 CONDITION _____

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.0	2.0	1.0	.3							7.4	7.1
NNE	.	.	1.7	1.0	.4							2.1	7.0
NE	.	.	1.7	1.7	.2	.1						2.9	11.7
ENE	.	.	1.1	1.1	.1							3.0	7.7
E	.4	.	2.2	3.4	.6	.1						7.7	10.7
ESE	.	1.0	2.0	.0								4.0	7.7
SE	.2	.	1.3	1.0								4.3	7.0
SSE	.	1.0	1.4	1.0								3.4	6.0
S	.	1.0	1.7	2.8	.5	.2						5.9	12.0
SSW	.	1.0	0.1	2.4	1.4	.6	.1					6.9	12.7
SW	.	.	1.0	2.3	.5	.	.3					2.0	14.1
WSW	.1	.2	1.7	2.0	1.6	.7	.2	.2				7.4	13.4
W	.4	1.1	2.3	3.1	1.6	1.7	.3					11.2	13.0
WNW	.4	1.0	2.2	2.0	.5	.7						6.0	11.2
NW	.6	.7	1.6	2.0	.2							4.4	11.2
NNW	.2	1.1	2.0	2.0	.6							7.0	10.2
VARBL													
CALM												1.4	
	1.1	14.4	22.8	34.6	10.2	3.0	1.0	.2				5.0	11.7

TOTAL NUMBER OF OBSERVATIONS 720

U.S. AIR FORCE
 CLIMATE BRANCH
 STATION SERVICE

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 301 STATION NAME MISSION AFB TX YEARS 1950-1951 MONTH ALL
 CLASS ALL WEATHER
 CONDITION 1400-1700
 HOURS (LST)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.7	3.4	2.7	.3	.2						2.2	2.4
NNE	.1	1.7	.6	1.7								2.7	2.4
NE	.1		1.1	1.7	.5							2.7	2.5
ENE	.1		1.7	1.4	.7							2.8	1.7
E	.1		1.3	3.5	.1							2.8	11.2
ESE	.1	.4	.9	.5	.1							2.5	6.7
SE	.1	1.4	.4	1.7	.1							3.7	9.6
SSE	.1	1.4	1.4	1.7	.1							4.7	6.7
S	.1	1.4	2.1	2.1	.6							2.7	2.9
SSW	.1	.3	1.3	3.6	2.7	.3	.1					1.1	12.7
SW	.1	.3	1.3	3.6	.3	.3	.1					2.7	12.6
WSW	.1	.4	.8	2.7	1.7	.4	.1	.1				2.8	12.9
W	.1		1.4	4.7	2.1	1.1	.4					11.7	14.4
WNW	.1	1.4	1.4	3.7	1.4	.3						2.4	12.4
NW	.1		1.2	2.7	.6							2.6	11.2
NNW	.1	1.4	4.7	1.1	.7							2.1	2.7
VARBL													
CALM												1.4	
	.1	14.4	25.7	36.9	10.9	7.1	.9	.3				10.2	11.3

TOTAL NUMBER OF OBSERVATIONS 120

LOCAL CLIMATE DIVISION
 AFSTAC
 WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 015 AFSTAC YEARS 1950-1951
 STATION NAME ALL WEATHER CLASS ALL WEATHER
 CONDITION ALL WEATHER

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	4.6	4.6	7.7	.1	.1						1.2	7.1
NNE	.	1.1	1.1	1.1								.5	7.1
NE	.	.	1.1	1.1								.4	6.4
ENE	.	1.1	1.6	1.6	.1	.1						.4	9.4
E	1.2	2.6	2.4	2.7								7.3	5.3
ESE	.	.	1.2	.4	.1							1.2	7.6
SE	.	2.1	.3	.1								.3	4.3
SSE	.	1.4	1.7	.9	.2							.4	7.2
S	.6	2.6	2.3	1.7	.7	.1						6.1	8.2
SSW	.	1.4	1.7	1.7	1.6	.7						.3	10.1
SW	.	1.1	2.1	1.4	.4	.7	.1					.7	10.7
WSW	.	1.1	.9	2.7	.4	.1						.1	7.7
W	.6	1.7	2.7	3.6	1.7	1.1	.1	.2				11.4	12.1
WNW	.	.	2.6	1.4	.6	.2		.1				.6	10.7
NW	.6	.	2.7	1.6	.7							.1	7.1
NNW	.6	1.1	1.6	2.6	.1							.6	7.7
VARBL													
CALM													
	1.2	2.6	27.0	25.2	4.9	2.4	.7	.3				10.2	2.9

TOTAL NUMBER OF OBSERVATIONS 100

W. CLIMATE DATA CENTER
TAC
NATIONAL SERVICE/NAO

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 015010 WFO IN STATION NAME WFO YEARS 1971-1972 MONTH ALL
 CLASS ALL WEATHER
 HOURS (LST) 100-1500
 CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	0.1	4.7	4.6	1.1	.1	.1						1.2	2.7
NNE	.1	1.4	.9	.7	.1							.3	0.6
NE	.1	1.7	1.2	.7								.3	0.6
ENE	.1	1.7	1.4	.4	.1							4.2	7.1
E	1.1	2.1	3.2	1.6	.7							2.2	2.2
ESE	.1	1.1	.8	.6								2.2	5.9
SE	1.1	1.7	.6									2.2	4.1
SSE	.4	2.7	1.7		.1	.2						.1	0.8
S	1.7	3.1	3.1	1.7	.2	.2						.6	6.1
SSW	.1	2.1	2.7	1.1	.7							7.3	0.3
SW	.1	1.7	1.1	.1	.1	.1						2.7	7.1
WSW	.1	1.1	.2	.1	.2							.7	0.3
W	.1	1.1	2.1	2.1	1.4	.1	.7					.1	12.2
WNW	.1	1.1	1.7	.1				.2				.1	10.1
NW	.1	1.1	1.1	1.7	.1			.1				4.3	7.1
NNW	.1	2.1	1.3	1.2								.4	6.0
VARBL													
CALM												0.1	
	1.2	32.1	24.1	14.0	3.7	1.4	.3	.3				10.2	7.4

TOTAL NUMBER OF OBSERVATIONS 920

NAVAL CLIMATOLOGY BRANCH
USAFETAC
NAVIGATION SERVICE/NAO

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 0333 STATION NAME USFSG AF, IN YEARS 77-82 MONTH ALL
 CLASS ALL WEATHER
 CONDITION ALL
 HOURS (LST) ALL

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.0	3.1	1.7	.0	.1						1.2	2.6
NNE	.0	1.0	.0	.0	.1							1.3	7.6
NE	.0	1.2	.0	.0	.0	.1						1.3	5.2
ENE	.0	1.0	1.2	1.1	.0	.1						1.4	6.0
E	.0	1.0	3.0	2.0	.0	.0						1.3	10.1
ESE	.0	1.0	1.4	.7	.1	.0						1.2	7.6
SE	.0	1.0	1.0	.0	.0	.0						1.0	6.5
SSE	.0	.0	1.0	.0	.1	.1						.3	7.4
S	.0	1.3	2.5	1.5	.3	.1						7.7	6.0
SSW	.0	.0	3.0	2.2	.0	.0	.1	.0				7.7	10.4
SW	.0	1.1	1.7	1.7	.0	.0	.1	.0				5.4	11.0
WSW	.0	.0	1.0	1.0	.0	.3	.0	.1				1.3	11.9
W	.0	1.0	3.4	2.0	1.7	.0	.0	.0				1.5	12.7
WNW	.0	1.1	1.8	1.0	.0	.1	.0	.0				1.2	10.0
NW	.0	1.0	1.0	1.0	.4	.1		.0				1.2	7.4
NNW	.0	1.0	1.0	1.0	.0	.0						.6	6.5
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS 1000

CLIMATE CLIMATOLOGY BRANCH
 AFSTAC
 WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 334 3 ISSON AFB IN STATION NAME 72-61 YEARS 2 MONTH MAY
 CLASS ALL WEATHER HOURS (LST) 010-020

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	2.0	1.0	.4								1.2	1.2
NNE	.0	1.0	.4	.1								.2	.2
NE	.0	1.0	.4	.1								.2	.2
ENE	.0	1.0	1.0	.4	.1							.1	.7
E	1.0	2.0	2.0	.0								2.1	2.7
ESE	.0	2.0	1.0									.0	1.1
SE	1.0	2.0	.4	.1								1.2	4.2
SSE	.0	2.0	.0	.0								.1	1.3
S	.1	3.0	2.3	.5								2.9	1.6
SSW	1.0	2.0	1.0	1.2								7.2	6.7
SW	1.0	2.0	1.0	.0	.1							2.1	2.2
WSW	1.0	1.0	.0	.0								.0	1.0
W	1.0	2.0	2.4	.0								1.6	6.7
WNW	.0	.0	.0	.0	.0							.0	.1
NW	.0	1.1	.0	.4								2.1	6.3
NNW	1.0	1.0	1.4	.1								4.4	6.3
VARBL													
CALM												17.6	
	2.3	31.4	10.9	6.3	.4							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 176

JOINT CLIMATELOGY BRANCH
AFETAC
WEATHER SERVICE/AF

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 334 STATION NAME 615504 AFU IN YEARS 17-00 DAY NORTH
CLASS ALL WEATHER HOURS (LST) 120-0500
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.0	1.0	1.1								0.0	6.0
NNE		1.0		.1								0.0	6.0
NE		2.0	.4	.1								0.4	6.6
ENE		1.0	.6	.1	.0							0.5	7.1
E	1.0	3.3	2.0	.4								2.7	6.6
ESE	1.0	2.0	.6	.1								4.0	6.0
SE	1.0	2.3	.3									4.7	4.8
SSE	.3	2.0	.6	.1								0.5	4.0
S	.0	4.0	1.0	.1	.0							0.2	6.5
SSW	2.4	2.4	1.4	.0	.0							7.2	6.7
SW	1.0	2.0	.9	.0	.1							0.2	6.4
WSW	1.2	2.3	1.0	.0								4.3	6.6
W	1.0	2.1	1.2	.0								0.0	6.1
WNW		1.2	1.1	.0								0.2	6.2
NW		1.0	.9	.0								0.7	6.6
NNW	1.0	1.0	.9	.1								4.2	4.0
VARBL													
CALM												1.0	
	2.3	35.7	16.3	.7	.0							100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 22

U.S. NAVAL CLIMATOLOGY BRANCH
 AFETAC
 FATHER SERVICE AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 33- STATION NAME 71-50 YEARS MONTH NO. 89 (LAST)

CLASS ALL-FAITH-1

CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥ 56	MEAN WIND SPEED
N	0.0	2.4	1.0	0.0	0.1							0.7
NNE	0.0	1.0	1.0	0.4								0.8
NE	0.0	1.0	0.0	0.1	0.1							0.8
ENE	1.1	1.0	1.3	0.4	0.0							0.8
E	0.0	2.0	2.2	1.1								0.7
ESE	1.0	1.0	0.0	0.0								0.0
SE	1.0	1.0	1.0	0.0								0.0
SSE	1.0	2.0	1.0	0.3								0.0
S	0.7	4.0	2.2	0.5	0.0							0.9
SSW	0.0	2.0	2.2	1.2	0.0	0.1						0.5
SW	0.0	2.0	1.0	0.0	0.0							0.0
WSW	1.1	1.0	2.4	0.0	0.1							0.7
W	1.0	2.4	1.3	0.0								0.0
WNW	0.0	0.0	1.7	0.0								0.0
NW	0.0	1.0	1.1	0.1								0.0
NNW	0.0	1.0	1.0	0.4								0.0
VARBL												
CALM											1.0	
	1.0	33.0	4.3	0.0	1.0	0.1						0.5

TOTAL NUMBER OF OBSERVATIONS 225

U.S. AIR FORCE
 CLIMATE BRANCH
 WETAC
 METEOROLOGICAL SERVICE

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 351 STATION NAME 1050M AFB 11 YEARS 1954-1964
 CLASS ALL WEATHER
 HOURS (LST) 000-1100
 CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	2.7	2.9	1.4								7.4	7.5
NNE	.4	.5	3.4	.6								4.4	6.1
NE	.4	1.1	1.4	.4	.1							3.4	7.6
ENE	.5	1.5	1.8	.6	.7							4.1	5.1
E	.5	1.7	1.9	1.7								5.7	6.1
ESE	.5	1.5	1.9	.5								4.3	7.1
SE	.5	1.1	1.6	.7								3.5	6.7
SSE	.5	2.3	1.9	.7								5.3	7.7
S	1.4	1.7	4.5	1.6	.7							5.9	7.9
SSW	.5	1.3	3.9	2.7	.5	.7						5.3	9.4
SW	.5	1.4	3.5	1.8	.6	.7						5.7	9.5
WSW	.5	1.5	2.7	1.2	.1	.1						5.3	6.3
W	1.2	2.5	4.1	1.4	.4							7.5	6.1
WNW	.5	1.7	2.4	1.7	.1							6.1	8.7
NW	.5	1.3	1.6	1.7	.3							4.9	5.5
NNW	.5	1.1	2.2	1.2								5.1	7.9
VARBL													
CALM												3.5	
	11.6	24.7	53.5	13.2	2.7	.5						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 17

U.S. AIR FORCE
 1. AL CLIMATOLOGY BRANCH
 2. WEATHER SERVICE/440

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 3-1 STATION NAME 1000 AF 11 YEARS 77-8 MONTH ALL

CLASS ALL WEATHER HOURS 1000-1400

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	2.3	2.5	1.2								1.1	7.2
NNE	.1	1.4	1.5	1.1								1.1	7.2
NE		1.1	1.1	.8								1.1	7.2
ENE		1.1	1.5	1.1	.1							1.1	7.2
E	1.2	1.5	1.9	1.5								1.1	7.2
ESE	.2	1.7	1.2	.5								1.1	7.2
SE		1.5	.8	.1	.3							1.1	7.2
SSE	.2	1.5	1.7	.5								1.1	7.2
S	.3	1.5	2.8	1.1								1.1	7.2
SSW	.2	1.5	4.1	3.6	.4							1.1	7.2
SW		1.4	3.2	2.5	.5	.4						1.1	7.2
WSW		1.2	1.7	1.9	.3	.2						1.1	7.2
W	1.1	1.5	3.4	2.1	.5	.3						1.1	7.2
WNW		1.3	2.5	1.3	.2	.2	.1					1.1	7.2
NW		1.5	1.8	1.9	.2							1.1	7.2
NNW	.1	1.4	2.8	2.5	.4							1.1	7.2
VARBL													
CALM												.1	
	1.1	23.7	34.2	23.8	3.1	1.7	.1					1.1	7.2

TOTAL NUMBER OF OBSERVATIONS 100

LOCAL CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 334 STATION NAME 1000M APR IN 77-82 YEARS MONTH 100-1700 HOURS (LST) CLASS ALL WEATHER CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	2.7	2.4	2.4	.2							2.4	6.7
NNE	.4	1.4	1.2	.6								2.1	7.4
NE	.4	.4	2.2	.6								4.0	6.3
ENE	.4	.4	2.5	1.2	.1							2.2	6.8
E	1.0	1.0	1.4	1.0	.5							2.1	7.0
ESE	.4	1.1	.4	.1								2.4	6.4
SE	.4	1.0	1.1	.4	.1							2.3	7.4
SSE	.4	1.0	1.7	.5	.2							4.0	7.0
S	1.0	2.0	2.5	2.8								2.0	8.1
SSW	.1	1.0	2.8	2.7	.3	.2						2.6	9.0
SW	.4	1.0	2.7	2.0	.1							2.6	9.0
WSW	.4	.4	1.9	2.4	.7	.2	.1					2.7	11.0
W	.4	1.0	3.1	2.4	.6	.5	.1					2.7	10.3
WNW	.4	.4	1.2	1.7	.5	.2						4.9	11.0
NW	1.2	1.0	2.4	.6	.4							2.1	7.0
NNW	1.4	1.4	2.6	3.2	.4	.1						2.1	9.0
VARBL													
CALM												2.7	
	11.0	21.4	34.4	24.4	4.2	1.1	.2					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 17

U.S. AIR FORCE
 WETAC
 WEATHER SERVICE

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 300 STATION NAME 12-82 YEARS 12-82
 CLASS ALL-WEATHER HOURS (L.S.T.) 12-82-0000
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	4.0	1.0	2.0	2.0							1.0	2.0
NNE		1.0	1.0	1.0	1.0							2.0	1.0
NE		1.0	1.0	1.0	1.0							2.0	1.0
ENE		1.0	1.0	1.0	1.0							2.0	1.0
E	1.0	1.0	2.0	1.0	1.0							2.0	1.0
ESE	1.0	1.0	1.0	1.0	1.0							2.0	1.0
SE		1.0	1.0	1.0	1.0							2.0	1.0
SSE	1.0	1.0	1.0	1.0	1.0							2.0	1.0
S		2.0	2.0	1.0	1.0							2.0	1.0
SSW		2.0	2.0	1.0	1.0							2.0	1.0
SW		1.0	2.0	1.0	1.0							2.0	1.0
WSW		2.0	1.0	1.0	1.0							2.0	1.0
W	1.0	1.0	1.0	1.0	1.0							2.0	1.0
WNW		1.0	1.0	1.0	1.0							2.0	1.0
NW		1.0	1.0	1.0	1.0							2.0	1.0
NNW	1.0	1.0	2.0	2.0	2.0							2.0	1.0
VARBL													
CALM													
	1.0	2.0	3.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

TOTAL NUMBER OF OBSERVATIONS 12-82

U.S. AIR FORCE
 AIR FORCE
 AIR FORCE

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 336 1000M AFD IN 17-82 17-82
 STATION NAME YEARS
 CLASS ALL WEATHER
 MONTH 100-100
 HOURS (LST)
 CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.1	2.7	.5								11.7	2.4
NNE	1.2	.5	.5	.7								2.9	3.4
NE	.1	1.1	.5									2.7	4.7
ENE	1.	2.7	1.6	.6	.1							3.4	5.4
E	1.	2.7	2.7	.7								7.3	6.1
ESE	1.4	3.1	.3	.1								4.5	4.5
SE	1.1	1.2	.5	.1								2.2	3.3
SSE	.5	1.7	.6	.1								3.3	4.7
S	.5	4.1	2.7	.3	.3							1.2	5.5
SSW	1.	2.4	1.3	.6								5.0	6.1
SW	.5	2.7	1.4	.4	.5							5.0	6.1
WSW	.5	1.	1.2	.6								4.4	5.4
W	.5	1.	1.1	.6	.7							5.0	6.1
WNW	.5	.5	.5	.5								4.4	5.4
NW	.5	.5	.9	.5								4.4	5.4
NNW	1.	2.5	2.6	.7	.1							5.0	6.3
VARBL													
CALM												1.0	

TOTAL NUMBER OF OBSERVATIONS 177

U.S. AIR FORCE
 CLIMATE DIVISION
 WASHINGTON, D.C.

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 701 STATION NAME 701 CLASS ALL-WEATHER MONTH 11 HOURS 11.5
 CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.4	2.1	2.5	1.7	1.1							1.7	1.4
NNE	1.1	1.2	1.2	1.2								1.1	1.1
NE	1.1	1.4	1.1	1.2								1.4	1.1
ENE	1.1	1.1	1.7	1.1	1.1							1.1	1.1
E	1.1	2.1	2.1	1.1	1.1							1.1	1.1
ESE	1.4	1.1	1.9	1.1	1.1							1.4	1.1
SE	1.1	1.1	1.1	1.1	1.1							1.1	1.1
SSE	1.1	2.1	1.1	1.1	1.1							1.1	1.1
S	1.1	2.1	2.5	1.1	1.1							1.1	1.1
SSW	1.1	2.1	2.4	1.1	1.1	1.1						1.1	1.1
SW	1.1	2.1	2.1	1.1	1.1	1.1						1.1	1.1
WSW	1.1	1.1	1.1	1.1	1.1	1.1	1.1					1.1	1.1
W	1.1	2.1	2.2	1.1	1.1	1.1	1.1	1.1				1.1	1.1
WNW	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1			1.1	1.1
NW	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1		1.1	1.1
NNW	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS 744

LOCAL CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 17335 STATION NAME 010504 AFB IN YEARS 17-80 NORTH JC
CLASS ALL WEATHER CLASS 000-0200 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.0	1.2	.1								1.0	4.7
NNE	1.4	1.0	.2									1.7	3.8
NE	.0	1.0	.0									.0	4.9
ENE	.0	1.0	.4									.2	4.5
E	1.0	1.0	.8									1.0	4.3
ESE	.0	1.0	.2									.0	3.4
SE	.0	1.0	.0	.1								.0	4.4
SSE	.3	3.1	1.2	.2								6.9	4.0
S	.2	5.1	2.1	.9								11.2	5.4
SSW	.0	4.3	3.1	1.1								11.3	5.6
SW	.0	3.2	1.7	.8								7.7	5.8
WSW	.1	2.3	2.2	.3								7.0	5.5
W	.0	2.0	1.0	.7	.2							6.2	5.9
WNW	1.0	.0	.2									1.1	3.9
NW	.0	.6	.7									1.0	5.9
NNW	1.7	2.7	.2	.2								4.0	4.5
VARBL													
CALM												1.6	
	2.6	34.3	16.8	4.3	.2							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 920

JOINT CLIMATOLOGY BRANCH
AFSTAC
WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 335 6 1550M AFR 14 STATION NAME 12-82 YEARS 1950-1959 MONTH 100-0500
CLASS ALL WEATHER HOURS (LST) 100-0500
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.1	.0	.3								2.2	4.5
NNE	.1	1.1	.3	.1								2.1	4.5
NE	1.1	1.0	.2	.7								3.2	4.9
ENE	1.0	.4	.1	.2								2.7	3.9
E	1.2	.0	1.1									2.3	4.7
ESE	1.7	.6	.6									2.3	3.7
SE	1.4	1.0	.6									3.9	4.2
SSE	.1	3.0	.9	.1								3.1	4.6
S	2.0	3.0	2.2	1.2								10.1	5.6
SSW	.3	3.4	2.4	.4	.1							5.8	5.2
SW	2.0	5.6	2.6	.4	.1							11.7	5.4
WSW	2.0	2.0	1.6	.3	.1							6.9	5.7
W	2.4	2.4	1.8	.3	.1							7.1	5.4
WNW	.0	1.1	1.1									2.1	5.3
NW	.0	.3	.8	.1	.1							2.0	5.5
NNW	.7	1.4	.0	.1								3.1	5.3
VARBL													
CALM												17.9	
	26.6	32.7	17.9	4.1	.6							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 920

CLIMATE CLIMATOLOGY BRANCH
AFSTAC
WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

337 GROSSOM AFB IN 17-60 00 MONTH 1960-1960
STATION CLASS HOURS (LST)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	2.4	1.8	.3	.7							1.2	6.3
NNE	.4	1.0	.9	.3								2.7	6.4
NE	.7	1.0	1.2	.4	.1							2.2	6.4
ENE	.5	.1	.6	.7								3.4	6.4
E	1.2	.1	1.1	.1								1.2	6.3
ESE	.7	1.4	.9	.4								1.4	6.3
SE	.1	1.7	.7									4.4	4.7
SSE	1.7	2.1	1.4	.7								.4	6.6
S	1.6	2.4	3.4	1.1		.1						11.3	6.6
SSW	1.7	2.8	3.6	1.2								1.3	6.9
SW	1.1	2.7	3.6	1.7	.7							1.6	7.3
WSW	1.6	1.9	2.2	.4	.1							3.7	6.9
W	.7	3.3	2.6	.4	.7	.1						.7	6.6
WNW	.7	1.4	2.1		.1							4.3	6.7
NW	.3	1.3	1.7	.6	.1							3.7	7.9
NNW	.3	.1	.7	.3								1.2	6.7
VARBL													
CALM												1.3	
	17.1	30.2	7.3	3.4	1.2	.2						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 970

AL CLIMATOLOGY BRANCH
 AFETAC
 WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 335 USCMA AFB IN 77-85 YEARS 1977 MONTH 11

CLASS ALL WEATHER HOURS (LST) 000-1100

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	1.7	3.0	1.0								7.4	7.6
NNE	.4	.	1.3									2.7	6.4
NE	.	.	1.1	.7								2.7	6.3
ENE	1.1	1.7	1.3	.2								3.0	6.1
E	1.2	1.7	1.3	.4								3.3	5.9
ESE	1.7	.	.7	.8								2.3	6.7
SE	.	.7	.9	.1								2.8	5.7
SSE	.7	1.7	1.7	.7								4.2	7.5
S	.4	1.7	4.4	2.4	.1							3.7	9.1
SSW	.4	2.4	3.6	2.2	.3							3.2	6.7
SW	.9	.9	2.1	2.0	.1							2.8	6.4
WSW	.6	2.1	3.6	2.4	.7	.1						3.0	9.1
W	1.2	3.1	5.6	3.7		.1						13.0	6.3
WNW	.1	1.1	3.2	2.7		.1	.1					2.7	6.6
NW	.6	1.7	1.6	.4								4.2	6.7
NNW	.	1.7	1.3	.6	.1	.1						4.6	7.6
VARBL													
CALM												4.5	
	1.3	22.3	37.6	20.4	1.7	.4	.1					17.0	7.6

TOTAL NUMBER OF OBSERVATIONS 226

USAF CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 3000 10004 AFB IN 17-6-2 1960
STATION NAME YEARS MONTH
ALL WEATHER CLASS 1230-1400
CONDITION HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	2.0	2.6	1.0	.1							7.2	6.1
NNE	.3	.	1.4	.7								2.9	7.7
NE	.7	.	1.0	.7								2.8	7.8
ENE	.7	1.0	1.0	.7								3.2	6.1
E	.7	.7	.6	.7	.1							2.5	7.5
ESE	.6	.7	.4	.6								1.6	7.3
SE	.3	.4	.6	.7								1.0	6.4
SSE	.1	1.4	1.3	.7								1.3	6.2
S	1.2	1.0	2.0	2.0	.4	.1						7.7	8.8
SSW	.1	1.0	2.0	3.1	.4	.2	.1					2.4	9.9
SW	.1	1.0	2.9	2.0	.6							2.7	10.2
WSW	1.2	2.4	5.0	3.2	.6							12.7	9.1
W	1.2	1.0	5.1	3.9	.9							12.7	9.7
WNW	1.3	1.4	2.7	1.6	.6	.7						7.3	9.3
NW	.5	1.4	1.9	1.6	.3							1.1	6.4
NNW	.7	2.3	2.2	.6		.1						2.2	7.6
VARBL													
CALM												2.7	
	11.1	23.2	33.6	24.2	4.4	.7	.1					100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 900

REGIONAL CLIMATOLOGY BRANCH
 DIRECTOR
 WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 335 STATION NAME 6-16504 AFB IN YEARS 73-82 MONTH JUL
 CLASS ALL WEATHER? HOURS 1500-1700
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	2.2	3.2	1.7	.7							2.7	6.1
NNE	.4	2.0	.9	.2								3.6	6.2
NE	.6	.5	.4	1.0								3.	5.3
ENE	.7	.5	.7	.2								2.3	5.9
E	1.0	1.0	.9	.3								2.2	5.7
ESE	.7	.2	1.1	.7								2.7	7.8
SE	.4	.4	.4	.2								1.0	6.5
SSE	.4	1.	.8	.7								2.9	7.8
S	1.2	1.4	3.0	1.2	.1							7.2	7.7
SSW	.7	1.5	2.9	2.2	.5							5.1	10.0
SW	.4	2.	2.4	3.4	.7							9.8	9.5
WSW	.3	1.4	3.4	3.7	.7							9.2	9.6
W	.9	3.2	5.3	2.2	.9	.4						13.0	7.3
WNW	.6	2.1	1.6	2.1	.7							7.2	9.5
NW	.9	1.2	2.8	1.9	.4	.1						7.2	9.2
NNW	.4	1.7	2.8	2.6	.1	.1						7.8	9.4
VARBL													
CALM												2.9	
	11.4	23.	53.1	23.6	4.6	.7						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 920

JOINT CLIMATOLOGY BRANCH
AFETAC
WEATHER SERVICE/MAL

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1301 STATION NAME 1000 AF 1 IN YEARS 77-82 MONTH JULY
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	3.0	3.6	2.7								12.1	7.5
NNE	.7	2.0	1.1	.6								4.3	6.3
NE	1.0	1.1	.3	.3								2.3	5.3
ENE	.0	1.2	.6	.7								2.7	5.7
E	1.0	1.4	1.3	.2								3.7	5.3
ESE	1.6	.2	.6	.1								.1	4.4
SE	1.1	1.2	1.6	.2								4.1	6.2
SSE	.0	1.2	.2	.4								2.4	5.0
S	1.1	2.3	2.7	1.2	.1							7.7	7.2
SSW	.3	2.8	3.4	1.6								6.9	6.9
SW	.0	2.3	4.7	1.4	.2							7.5	8.1
WSW	.6	2.7	3.0	1.2	.1							7.0	7.8
W	1.0	4.2	2.7	1.8	.1							7.3	7.2
WNW	.4	1.2	1.3	.9	.4							4.3	9.1
NW	1.0	.0	1.2	.6								3.7	7.1
NNW	1.0	1.0	2.3	.6								4.4	7.0
VARBL													
CALM												6.1	
	17.1	32.4	30.4	13.0	1.0							100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 900

U.S. AIR FORCE
METAC
WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 335 3 10504 AFB IN STATION NAME 73-52 YEARS MONTH 11
ALL WEATHER CLASS 1100-2400 HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	0.7	4.7	2.4	0.7								10.3	0.1
NNE	1.4	1.5	0.6	0.7								3.2	4.8
NE	1.1	1.3	0.3									2.3	3.8
ENE	0.7	1.1	0.4									2.2	3.7
E	1.1	1.5	0.1									2.2	4.7
ESE	1.4	0.1	0.3									2.7	3.5
SE	1.2	1.3	1.0	0.7								2.2	3.7
SSE	0.7	1.7	0.7	0.1								1.1	4.0
S	3.0	9.0	1.0	1.0	0.2							14.9	3.4
SSW	0.3	3.0	3.1	0.6	0.1							10.0	3.9
SW	0.1	3.1	2.2	0.6								10.0	3.7
WSW	1.1	2.3	1.1									4.9	3.2
W	1.7	2.0	0.9	0.2	0.1							2.0	3.3
WNW	0.6	0.5	0.1	0.1								1.2	3.1
NW	0.8	1.0	0.6	0.7								2.7	7.3
NNW	1.0	1.0	0.6	0.2	0.1							2.3	2.4
VARBL													
CALM												15.7	
	21.7	36.2	16.6	4.3	0.6							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 200

LOCAL CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

335 CRISSUM AFB IN 77-82
STATION STATION NAME YEARS
ALL WEATHER CLASS
ALL MONTH
HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	2.7	2.3	1.1	.1							1.1	6.7
NNE	.7	1.3	.8	.2								.1	5.7
NE	.5	1.0	.7	.4	.1							.3	6.0
ENE	1.1	.5	.5	.2								.9	5.1
E	1.2	1.2	.8	.2	.1							.4	5.3
ESE	1.2	.5	.6	.3								.9	5.2
SE	1.2	1.1	.9	.1								.3	5.2
SSE	1.4	1.0	1.0	.3								4.8	5.4
S	1.9	3.7	2.7	1.4	.1	.2						.3	6.7
SSW	1.7	2.3	3.1	1.6	.2	.2	.2					.4	7.4
SW	1.3	2.3	2.9	1.7	.3							.3	7.7
WSW	1.2	2.2	2.9	1.4	.2	.1						.3	7.6
W	1.1	2.7	3.1	1.6	.3	.1						.4	7.7
WNW	.7	1.2	1.5	.8	.2	.2	.0					4.7	6.1
NW	.7	1.1	1.3	.7	.1	.1						4.0	7.7
NNW	.7	1.1	1.4	.7	.1	.2						4.0	7.1
VARBL													
CALM												.9	
	11.7	27.3	26.7	12.9	1.7	.2	.1					10.0	6.2

TOTAL NUMBER OF OBSERVATIONS 7000

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 00335 STATION NAME 001050H AFJ IN YEARS 77-82 MONTH JUL 000-02200 HOURS (LST)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	3.7	.8	.1								7.3	4.2
NNE	1.5	1.4	.1									2.2	3.6
NE	.3	1.0	.5									2.3	4.6
ENE	1.2	1.0	.4	.2								.7	4.7
E	2.0	2.7	.5									2.1	4.2
ESE	2.4	1.4	.3									4.1	3.4
SE	2.9	.9										3.5	2.6
SSE	4.0	1.8	.3									2.1	3.2
S	.4	3.7	1.3	.1								2.5	4.4
SSW	3.4	4.0	2.2	1.7		.1						10.8	5.6
SW	1.3	3.0	2.2	.4								6.9	6.2
WSW	.9	1.3	1.7									4.5	5.8
W	1.0	1.1	1.2									4.3	4.5
WNW	.0	.0		.1								1.6	4.3
NW	1.1	.7	.3									2.0	3.8
NNW	1.7	2.3	.1	.1		.1						4.5	4.4
VARBL													
CALM												21.4	
	33.5	33.9	11.9	2.2		.2						100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 430

UNITED STATES AIR FORCE
 WETAC
 STATION SURVIL 7140

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 7140 STATION NAME SURVIL 7140 YEARS 71-72
 CLASS ALL-WEATHER
 CONDITION
 NORTH
 1300-1500
 HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	2.4	.3	.1								.2	3.4
NNE	1.0	1.1	.2									.3	4.0
NE	1.7	1.1	.6									.3	4.7
ENE	1.7	1.1	.5									.2	3.9
E	2.6	1.9	.8									.3	4.1
ESE	2.4	1.4	.1									.9	3.5
SE	2.7	1.7	.1									.3	3.0
SSE	2.0	1.7										.4	3.1
S	3.7	3.2	1.1									.5	4.1
SSW	2.0	2.4	2.3	.2								7.3	5.7
SW	1.0	4.1	2.7	.5								1.4	5.0
WSW	.9	2.2	1.9	.4								.4	6.1
W	2.1	1.7	1.3	.3	.1							.7	5.3
WNW	.6	1.1	.1									3.2	4.2
NW	1.0	.1	.1									1.1	3.6
NNW	1.1	1.4	.2	.1								.2	4.1
VARBL													
CALM												.7	
	22.2	20.9	12.4	1.7	.1							11.1	3.3

TOTAL NUMBER OF OBSERVATIONS 712

U.S. AIR FORCE
AFETAC
FATERN SERVICE/MAO

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 301 STATION NAME 23504 FEB 17 YEARS 17-18 MONTH 17
CLASS ALL HOURS (LST) 100-0800
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.3	1.3	.7								2.4	1.1
NNE	1.0	1.0	.3		.1							2.0	1.0
NE	2.4	1.7	1.5									2.2	4.6
ENE	1.7	1.4	.6	.1								4.1	4.4
E	2.1	2.0	1.3									2.2	4.5
ESE	.6	1.7	.3									2.7	4.7
SE	2.7	2.0	.3									2.1	3.0
SSE	2.7	2.4	.8									2.0	4.1
S	.1	3.0	1.7									2.2	4.4
SSW	.2	3.1	1.5	.5								2.0	2.0
SW	.0	2.7	3.3	.5								2.4	2.7
WSW	.6	2.4	3.1	.5			.1					2.2	7.0
W	1.0	1.9	2.2	.5								2.0	2.0
WNW	.1	1.4	1.1									2.0	2.0
NW	.0	1.3	.2	.1	.1							2.2	2.1
NNW	1.2	.1	.3	.2								2.0	4.7
VARBL													
CALM												1.0	
	2.3	33.1	0.1	2.6	.2		.1					100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 230

AFETAC
AFETAC
AFETAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 331 STATION NAME 15501 AFB IN YEARS 73-84 MONTH JUL
CLASS ALL WEATHER HOURS (LST) 50-100
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	2.2	2.7	.2								7.1	2.7
NNE	.1	1.3	1.0	.2								6.1	6.1
NE	1.1	1.4	1.3									6.7	5.4
ENE	1.7	1.5	1.9	.5								6.1	5.4
E	1.1	1.7	1.8	.1								6.6	5.3
ESE	1.1	1.1	.9									4.3	4.7
SE	.9	1.2	1.3	.1								6.3	6.2
SSE	1.2	2.4	1.7									6.3	5.5
S	2.0	1.7	2.4	.4								6.1	5.5
SSW	1.1	2.6	3.7	.3	.1							7.5	6.6
SW	.7	2.4	3.7	1.6	.1							6.6	7.7
WSW	.4	2.1	3.7	2.3	.2							6.4	6.5
W	1.1	2.7	4.4	2.3	.2							11.2	7.8
WNW	.9	1.7	1.7	.5								4.1	6.5
NW	.1	1.1	.9	.3								6.2	6.4
NNW	.1	1.2	1.1	.0								6.2	7.3
VARBL													
CALM													
	1.8	37.5	34.0	9.7	.6							20.2	4.7

TOTAL NUMBER OF OBSERVATIONS 931

JOINT CLIMATE LOG BRANCH
AFMTC
WEATHER SERVICE/AFM

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 305 STATION NAME 150TH AF BUN YEARS 1960 MONTH JUL
CLASS ALL WEATHER HOURS (LST) 1000-1400
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.7	2.6	1.1								7.1	6.5
NNE	.	1.7	1.1	.2								2.2	6.1
NE	.	.7	.5	.1								.2	5.3
ENE	1.	1.7	2.4	.1								.2	5.0
E	1.4	2.7	1.7	.3								.5	5.7
ESE	.	1.4	.4	.1								.2	5.8
SE	.	.3	.									.1	5.9
SSE	1.1	1.	1.1	.1								1.1	5.1
S	1.4	2.7	1.7	.9								.2	6.4
SSW	1.7	4.	2.7	.5	.2							.7	6.7
SW	.	1.4	2.2	1.6	.2							.2	6.1
WSW	.	2.7	2.6	2.2	.3							.2	7.
W	1.4	3.7	5.7	4.7	.3	.1						1.2	5.7
WNW	.	2.4	2.7	1.7								7.2	7.1
NW	.	1.	1.5	.3								6.7	7.
NNW	.2	2.7	1.5	1.1	.1							.1	7.
VARBL													
CALM												.4	
	1.1	32.3	51.4	14.6	1.2	.1						100.0	7

TOTAL NUMBER OF OBSERVATIONS 42

AD-A131 198 GRISSEM AFB INDIANA REVISED UNIFORM SUMMARY OF SURFACE
WEATHER OBSERVATION..(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. JUL 83
UNCLASSIFIED USAFETAC/DS-83/026 SBI-AD-E850 404 F/G 4/2

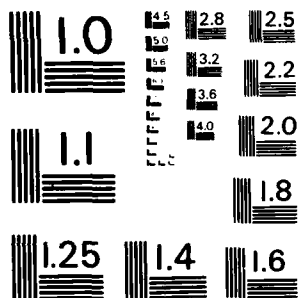
GRISSEM AFB INDIANA REVISED UNIFORM SUMMARY OF SURFACE
WEATHER OBSERVATION. (U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A. JUL 83
USAFETAC/DS-83/026 SBI-AD-E850 404 F/G 4/2

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UNCLASSIFIED

F/G 4/2

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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

U.S. NAVAL CLIMATOLOGY BRANCH
PACIFIC
FATHER SERVICE/PAO

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 132000000 IN STATION NAME 1-62 YEARS JUL NORTH
ALL WEATHER CLASS 1960-1962 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	2.0	3.2	.6								7.3	4.4
NNE	.0	1.0	1.3	.4								2.1	0.2
NE	1.1	.0	.0	.0								1.0	0.2
ENE	1.1	1.0	1.4	.1								3.3	0.6
E	1.0	2.3	1.7	.1								.4	0.9
ESE	1.0	1.0	.0	.1								.4	0.2
SE	1.1	.0	.0									.7	4.0
SSE	.0	1.1	.5	.1								1.0	0.2
S	1.0	3.0	2.0	.0								7.7	0.9
SSW	.0	2.3	3.1	1.0								7.4	7.4
SW	.0	1.0	2.3	1.0	.4							.2	9.1
WSW	1.0	1.4	1.0	1.0	.2							.7	0.1
W	.0	5.0	4.3	2.2	.4							1.2	7.1
WNW	1.0	1.2	2.7	2.0	.0							7.3	9.6
NW	.0	2.2	1.0	.0								.4	7.2
NNW	.0	2.0	1.7	1.0	.1							7.0	7.6
VARBL													
CALM												.7	
	17.5	32.4	21.4	14.7	1.7							2.0	0.0

TOTAL NUMBER OF OBSERVATIONS 12

U.S. AIR FORCE CLIMATE CENTER
 AFMTC
 PATTER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 325 STATION NAME 1-8 YEARS MONTH 1-8 HOURS (L.S.T.)

CLASS ALL DAY

CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	1.2	1.1	1.1								1.1	1.1
NNE	1.2	1.3	1.1									1.1	1.1
NE	1.1	1.1	1.1									1.1	1.1
ENE	1.1	1.1	1.1									1.1	1.1
E	1.4	1.1	1.1	1.1								1.1	1.1
ESE	1.4	1.1	1.1	1.1								1.1	1.1
SE	1.1	1.1	1.1	1.1								1.1	1.1
SSE	1.1	1.1	1.1	1.1								1.1	1.1
S	1.1	1.1	1.1	1.1	1.1							1.1	1.1
SSW	1.1	1.1	1.1	1.1	1.1							1.1	1.1
SW	1.1	1.1	1.1	1.1	1.1							1.1	1.1
WSW	1.1	1.1	1.1	1.1	1.1							1.1	1.1
W	1.1	1.1	1.1	1.1	1.1							1.1	1.1
WNW	1.1	1.1	1.1	1.1	1.1							1.1	1.1
NW	1.1	1.1	1.1	1.1	1.1							1.1	1.1
NNW	1.1	1.1	1.1	1.1	1.1							1.1	1.1
VARBL													
CALM													
	1.1	1.1	1.1	1.1	1.1							1.1	1.1

TOTAL NUMBER OF OBSERVATIONS 12

CENTRAL CLIMATOLOGY BRANCH
AFETAC
FATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 334 STATION NAME 0 21004 AFU IN YEARS 7 8-9
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	5.5	.9									1.0	4.0
NNE	1.0	.5										.5	3.0
NE	1.0	.5	.4									.5	4.0
ENE	1.0	.5	.4									.5	3.0
E	1.0	2.4	.6									.1	4.0
ESE	1.0	1.3										.7	3.0
SE	.5	1.3										.3	3.0
SSE	.5	1.7	.2									.7	3.0
S	.5	4.5	2.2									1.0	4.0
SSW	1.0	2.7	2.9	.4	.1							.3	3.0
SW	1.0	3.7	1.5									.3	3.0
WSW	.5	1.7	.2									.3	3.0
W	1.0	1.5	.6									.3	4.0
WNW	.5	.5	.2	.2								.3	3.0
NW	1.0	1.5	.2									.3	4.0
NNW	1.0	2.4	.2									.3	4.0
VARBL												1.2	
CALM													
	3.1	32.5	12.5	.4	.1							1.2	3.4

TOTAL NUMBER OF OBSERVATIONS 77

AL CLIMATE DATA BRANCH
 LIAISON
 NATALIA SERVICE FAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 321 STATION NAME 01550 AF 11 YEARS 77-80
 CLASS ALL WEATHER NORTH
 CONDITION

SPEED (KNTS, DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	0.6	2.7	1.8	.4								7.1	4.4
NNE	1.1	1.4	.6	.1	.							2.1	2.1
NE	.1	1.1	.1									.1	4.2
ENE	1.7	1.7	1.1	.1								1.2	4.2
E	2.4	2.3	1.2	.1								2.2	4.2
ESE	1.7	1.4	.4	.								.4	4.2
SE	1.7	1.1	.4	.								.2	2.1
SSE	.1	1.1	.1	.								1.3	4.2
S	.1	3.1	1.1	.7	.							.1	2.1
SSW	1.1	2.1	2.7	.6	.1	.						.2	4.1
SW	1.2	2.7	2.4	1.1	.1							1.4	6.1
WSW	.	2.1	2.2	1.1	.1		.					.1	7.4
W	1.7	2.1	2.7	1.7	.7	.						1.1	6.1
WNW	.	1.1	1.2	.7	.1							1.2	7.1
NW	.	1.7	.1	.2	.2							2.1	2.1
NNW	1.2	1.1	1.2	.6	.7	.1						4.7	6.1
VARBL													
CALM												1.1	
	.3	31.1	1.7	6.7	.6	.2	.2					2.2	4.2

TOTAL NUMBER OF OBSERVATIONS 744

JOINT CLIMATELOGY BRANCH
AFMSTAC
NATIONAL WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 77-60 STATION NAME INDIAN AFB, IN YEARS 1950-1959 2 NORTH
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.0	.7									.6	2.4
NNE	.3	1.0	.7									.4	3.7
NE	1.2	1.7	.3									.2	1.7
ENE	1.0	.4	.2									.2	3.1
E	.2	.2	.1									.3	3.0
ESE	.3	1.0	.4	.1								.2	3.4
SE	.3	.0	.1									.2	3.0
SSE	.3	.2	.5									.3	3.0
S	.4	3.7	1.9	.5								1.0	4.0
SSW	.4	5.0	1.0	.4								1.7	4.0
SW	.5	3.0	1.2	.5								1.3	4.0
WSW	1.1	1.7	1.0	.5								.4	5.0
W	1.0	1.0	.0	.5								.3	5.0
WNW	.0	.0	.3									1.0	1.0
NW	.0	.0	.1									1.2	3.0
NNW	.2	1.1	.1									.4	3.7
VARBL													
CALM													
	34.0	7.4	9.1	1.0									7.0

TOTAL NUMBER OF OBSERVATIONS 624

AL CLIMATE LOG BRANCH
 USAFETAC
 DATA - CORRECTED

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 301 STATION NAME WILLOW SPRING YEARS 1954-55 MONTH ALL
 CLASS ALL HOURS (L & T) 0500-0600
 CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.0	.4									1.4	1.4
NNE	.0	.0	.0									.0	4.0
NE	.0	1.0	.4									1.4	3.0
ENE	.3	1.1	.2									1.6	3.0
E	.1	1.7	.7									2.5	3.7
ESE	.0	1.0	.1	.1								1.2	3.7
SE	.0	.0	.1									.1	2.9
SSE	.0	1.0	.2	.1								1.3	2.4
S	.0	4.7	1.4									1.9	3.7
SSW	.0	3.0	1.7	.0								1.0	4.0
SW	.0	2.0	1.1	.7								1.0	4.9
WSW	.1	1.7	.0	.7								1.2	3.0
W	.0	2.0	1.0									1.0	4.4
WNW	.0	.0	.3	.1	.1							1.0	3.9
NW	.0	.0	.1	.1								1.0	4.4
NNW	.0	1.1	.1									1.2	4.0
VARBL													
CALM												1.3	
	3.0	6.0	9.0	1.0	.1							1.0	2.9

TOTAL NUMBER OF OBSERVATIONS 970

JOINT CLIMATOLOGY BRANCH
AFETAC
WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 335 STATION NAME 1350M AFB IN YEARS 77-80
ALL WEATHER CLASS 1600-1800 HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	1.4	.4	.2								1.4	4.4
NNE	1.4	.6										.7	4.1
NE	2.4	1.0	.4									4.7	4.0
ENE	.5	1.0										3.5	3.3
E	1.5	1.3	.2									4.0	3.2
ESE	.5	1.1	.3									4.4	3.2
SE	1.7	.8	.3	.2								4.5	3.6
SSE	2.4	1.4	.6									4.4	4.1
S	4.5	4.0	1.2									13.0	4.0
SSW	.3	5.1	1.7	.7								13.4	4.0
SW	1.1	2.0	1.4	.5								5.0	3.0
WSW	.5	2.2	1.5	.4								4.5	3.5
W	1.7	2.4	1.1	.7	.1							4.5	3.1
WNW	.5	.6	.5									1.7	4.9
NW	.5	.7	.4									1.7	4.0
NNW	1.5	1.2	.3	.1								3.2	3.0
VARBL													
CALM												2.4	
	34.6	28.7	12.2	2.0	.1							72.0	3.4

TOTAL NUMBER OF OBSERVATIONS 470

U.S. AIR FORCE
METAC
WEATHER SERVICE/AL

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 305 STATION NAME QUINCY AFB IN YEARS 7-52 MONTH A
CLASS ALL WEATHER HOURS (LST) 600-1100
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.0	1.0	.5								1.1	6.6
NNE	1.1	1.2	1.0	.5								1.1	6.3
NE	1.0	1.3	.6	.7								1.2	6.4
ENE	1.0	1.0	1.7	.7								1.4	6.4
E	1.0	2.0	.3	.1								1.2	4.4
ESE	.2	2.0	1.2									1.4	4.5
SE	.2	1.1	1.1	.1								1.4	4.5
SSE	1.0	1.3	.6									1.3	4.6
S	1.0	3.2	.3	.2								1.3	6.3
SSW	1.0	3.0	3.0	1.1	.1							1.6	6.9
SW	1.0	3.1	3.5	1.0								1.6	7.5
WSW	1.0	2.0	4.0	1.7	.1							1.6	7.7
W	1.0	3.4	4.4	.0								1.6	6.6
WNW	.0	1.0	.3									1.3	4.8
NW	.0	1.0	.4	.0								1.3	5.4
NNW	.0	1.0	1.6	.1								1.2	6.4
VARBL													
CALM													
	1.0	33.1	33.3	7.6	.2							100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 430

CLIMATE CLIMATOLOGY BRANCH
 AFMELTAC
 WEATHER SERVICE/AFAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 307 STATION NAME 0 1350M AF6 IN YEARS 77-81 MONTH 3
 CLASS ALL WEATHER HOURS (L E Y) 1700-1400
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.1	2.5	.6								1.1	7.1
NNE	.1	1.2	1.1	.4								1.3	6.4
NE	.1	1.2	1.2	.1								1.3	6.1
ENE	.1	1.1	1.2	.7								1.3	5.6
E	2.5	3.2	1.1	.2								3.2	4.6
ESE	1.1	1.1	.6	.1								1.3	4.6
SE	.1	1.1	.9	.1								1.3	5.2
SSE	1.2	1.1	1.7									3.2	5.4
S	1.4	2.9	2.5	.7	.1							7.2	6.7
SSW	1.2	2.5	3.1	1.6								7.6	7.3
SW	.1	2.3	4.1	2.6								7.2	6.3
WSW	.1	1.7	4.3	2.5								11.4	6.7
W	1.1	2.1	5.4	1.7								11.0	7.5
WNW	1.1	1.4	1.6	.7								4.4	6.1
NW	.1	1.5	1.2	.3		.1						3.5	6.5
NNW	.1	1.1	1.4	.2								4.0	5.5
VARBL													
CALM												4.2	
	16.0	32.7	34.7	11.4	.1	.1						1.1	6.4

TOTAL NUMBER OF OBSERVATIONS 731

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
FATHER SERVICE/AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 335 STATION NAME 0 1050N AFB IN YEARS 77-80 MONTH ALL
CLASS ALL WEATHER PERIOD 1500-1700
CONDITION HOURLY

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	3.0	3.4	.7								6.2	6.4
NNE	.5	.5	1.3	.4								2.1	6.5
NE	.7	.6	1.2	.7								2.1	7.5
ENE	1.5	1.0	.8									3.2	4.7
E	2.3	2.6	1.2	.1								3.3	4.5
ESE	2.5	1.7	.4									3.2	3.8
SE	1.3	.5	1.1									2.2	5.2
SSE	1.5	2.3	.3	.1								4.2	4.7
S	1.5	4.7	2.8	.8								7.5	6.5
SSW	1.5	1.7	3.0	1.6								5.6	7.7
SW	.5	1.4	3.7	1.9	.1							7.7	8.3
WSW	.6	2.3	3.5	2.4								6.6	8.7
W	1.5	3.9	5.3	.6								11.2	6.7
WNW	1.2	1.4	1.6	.7								4.2	6.2
NW	1.4	1.1	1.5	.4								4.4	6.2
NNW	.4	1.5	1.5	1.7								3.4	6.2
VARBL													
CALM												4.4	
	.2	31.7	33.9	12.5	.1							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 930

U.S. AIR FORCE
CENTRAL CLIMATOLOGY BRANCH
AFETAC
WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 330 STATION NAME UNION AFB IN YEARS 71-80 MONTH ALL
CLASS ALL WEATHER
CONDITION 1500-1800
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	4.2	1.0	.2								2.2	2.7
NNE	.4	1.1	.3									1.8	4.0
NE	1.2	1.2	.3	.2								2.0	4.7
ENE	.0	1.7	.6	.1								.1	3.4
E	.1	1.7	.3	.2								.4	3.8
ESE	.2	.0	.1									.0	2.0
SE	.0	.0	.4									.0	2.1
SSE	.0	1.0	.8									.0	3.0
S	3.0	3.4	1.7	.1								.6	4.3
SSW	2.4	3.3	1.7									7.0	5.2
SW	.2	3.2	1.7	.1								7.2	5.0
WSW	1.0	1.6	1.8	.2	.1							.2	5.4
W	.1	4.2	2.0	.1	.1							.0	5.1
WNW	1.0	.0	.8									2.0	4.9
NW	1.0	1.3	1.0									.9	5.0
NNW	1.0	1.0	1.3	.1								.2	4.9
VARBL													
CALM													
	3.1	32.4	17.0	1.4	.2							10.2	1.4

TOTAL NUMBER OF OBSERVATIONS 230

U.S. AIR FORCE CLIMATOLOGY BRANCH
 AFSTAC
 AIR FORCE WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 335 STATION NAME 6 ISSOM AFB IN YEARS 1950-51 MONTH NORTH
 CLASS ALL WEATHERS
 HOURS 143-2300
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	MEAN WIND SPEED
N	1.0	3.4	1.1									4.0
NNE	1.0	1.0	.3									4.2
NE	1.4	1.1	.5									4.0
ENE	.5	1.0	.4									3.5
E	2.4	2.4	.0									4.0
ESE	2.3	2.2	.1									3.6
SE	1.7	1.0	.4									3.7
SSE	4.4	1.7	.4									3.6
S	.2	4.4	1.9	.3	.1							4.5
SSW	3.2	4.1	1.6	.5								4.2
SW	1.6	2.3	.6									4.5
WSW	1.3	1.3	.4									4.4
W	.2	.0	.1									3.5
WNW	.2	.4	.2									3.1
NW	1.2	.0	.4									4.0
NNW	.2	1.2										3.1
VARBL												
CALM												.3
	24.3	9.6	9.4	.5	.1							4.1

TOTAL NUMBER OF OBSERVATIONS 23

GLOBAL CLIMATOLOGY BRANCH
 C. TAC
 WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 335 0 1000' AFE IN STATION NAME 11-62 YEARS 8 MONTH 31 HOURS (LST)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	2.1	1.5	.7								.3	2.1
NNE	.1	1.1	.6	.1								.1	5.3
NE	1.1	1.7	.6	.1								.3	4.7
ENE	1.1	1.4	.6	.1								.4	4.7
E	2.1	2.1	.6	.1								.2	4.8
ESE	2.4	1.5	.4	.								4.3	3.7
SE	1.1	1.1	.6	.1								3.1	3.4
SSE	2.4	1.1	.7	.								4.1	4.1
S	2.1	3.1	2.1	.2	.							4.7	4.1
SSW	.	3.1	2.4	.6	.							4.4	5.7
SW	1.1	2.1	2.2	.6	.							2.2	6.4
WSW	1.1	2.1	2.3	1.7	.							6.6	5.6
W	1.7	2.1	2.5	.5	.							1.4	6.1
WNW	.7	.	.6	.1	.							1.4	5.6
NW	.1	1.1	.1	.1	.							1.1	5.3
NNW	1.1	1.2	.1	.1	.							1.3	5.1
VARBL													
CALM												1.7	
	1.1	3.1	1.4	4.6	.1	.1						1.1	4.3

TOTAL NUMBER OF OBSERVATIONS 7439

LOCAL CLIMATOLOGY BRANCH
 AFAC
 WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 385 STATION NAME 2-15401-4F-14 YEARS 20-60 NORTH 000-200
 CLASS ALL DATA
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	1.7	1.0	.7								1.7	1.0
NNE	1.0	.7	.6	.1								2.3	4.5
NE	1.0	.7	.2									2.0	3.3
ENE	1.0	.7	.3									2.7	3.4
E	.7	2.3	.4									3.0	3.7
ESE	1.7	1.7	.1									3.4	3.0
SE	1.0	1.0	.1									3.7	3.3
SSE	.7	2.3	.2									2.4	2.3
S	.7	4.1	1.3	.1								3.2	4.1
SSW	.4	3.0	1.7	.2								3.3	4.7
SW	2.4	2.7	2.4	.7	.1							3.7	3.5
WSW	1.7	2.7	.6	.3								2.2	4.3
W	.1	1.4	.6	.7								2.4	2.0
WNW	.7	1.0	.8	.1								2.4	2.2
NW	.7	1.0	.3									2.4	4.0
NNW	1.0	1.7		.7								2.3	4.2
VARBL												1.1	
CALM													
	3.3	32.1	12.9	2.4	.1								3.0

TOTAL NUMBER OF OBSERVATIONS 700

U.S. AIR FORCE
 AFETAC
 WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 0300 01500 AF 3 IN 73-5 YEARS 500
 STATION NAME ALL WATER CLASS 730-0300
 CONDITION HOURLY (LST)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	2.1	1.3	.1								1.1	1.1
NNE	.1	1.1	.4	.1								1.1	4.3
NE	.1	.1	.4									1.1	3.4
ENE	1.1	.1	.1									1.1	2.1
E	1.1	2.1	.1									1.1	4.3
ESE	.3	1.1	.1									1.1	3.1
SE	.2	1.1	.3									1.1	3.1
SSE	.1	1.1	.4									1.1	2.1
S	.1	4.1	.1									1.1	4.1
SSW	.1	2.1	1.1	.4								1.1	4.1
SW	.1	3.1	1.1	.1								1.1	4.1
WSW	1.1	2.1	1.1	.1	.1							1.1	5.1
W	.1	1.1	1.1	.4	.1							1.1	3.1
WNW	1.1	1.4	.1	.1	.1							1.1	4.1
NW	.1	2.1	.4	.1								1.1	4.1
NNW	1.1	.1	.1									1.1	3.1
VARBL												1.1	
CALM												1.1	
	34.2	1.1	12.1	2.1	.1							100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 900

1. CLIMATE BRANCH
 2. TAC
 3. FATHER SERVICE

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 01301 STATION NAME U. S. S. M. F. S. IN YEARS 70-71 MONTH SEP
 CLASS ALL WEATHER
 HOURS (LST) 0000-0000
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.0	1.4									1.0	4.1
NNE	.6	1.2	1.0	.7	.1							1.7	4.1
NE	1.2	1.1	.4									1.7	4.1
ENE	.5	1.4	.4									1.7	4.1
E	.3	1.2	1.3									4.2	4.5
ESE	1.1	.4	.2									4.2	3.2
SE	.2	1.4	.1									4.2	3.2
SSE	.2	2.1	.7	.1								1.1	3.0
S	.1	3.8	1.6	.3	.1							3.2	4.0
SSW	.3	3.0	1.3	.3								1.0	2.1
SW	.2	1.0	1.5	.4								1.0	2.5
WSW	1.0	2.4	1.6	.6								1.2	2.1
W	1.2	3.2	1.6	.1								1.1	2.2
WNW	.1	1.4	1.0	.1								1.7	3.4
NW	.1	2.2	.1	.4								1.7	2.2
NNW	.1	1.7	.2	.1								1.7	4.2
VARBL												1.0	
CALM													
	.4	3.0	4.6	2.9	.2							1.0	3.0

TOTAL NUMBER OF OBSERVATIONS 900

CLIMATE CLIMATOLOGY BRANCH
 AFMTCAC
 WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 336 STATION NAME 51500M WFS IN YEARS 75-82 NORTH 542
 CLASS ALL WEATHER 1900-1979
 HOURS (LST) 1900-1979
 CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.0	2.2	.7								2.2	5.0
NNE	1.0	1.1	2.1	.6	.1							3.5	6.7
NE	.7	.9	1.1									2.8	6.1
ENE	.1	1.0	.9									2.0	4.0
E	.5	2.0	1.0									3.5	5.0
ESE	.4	.	.9	.2								2.4	4.1
SE	1.0	1.4	.3									2.2	4.2
SSE	1.1	1.0	1.0									4.0	5.4
S	.	4.7	3.6	.9		.1						10.0	6.0
SSW	1.0	2.4	2.4	.4								8.0	6.2
SW	.0	2.1	2.6	1.0	.3							7.4	6.7
WSW	.7	1.0	3.6	1.3	.1							7.0	6.0
W	1.4	2.7	2.9	2.0		.1						10.0	7.8
WNW	.	1.0	2.1	.6	.1							4.4	7.0
NW	.0	2.4	2.4	1.0								6.0	7.0
NNW	.7	2.2	2.0	.6								4.4	6.7
VARBL													
CALM													
	10.3	31.7	30.9	6.0	.7	.2						2.0	6.0

TOTAL NUMBER OF OBSERVATIONS 470

U.S. AIR FORCE CLIMATE LOG 5-ANCH
 USAFETAC
 NATURAL SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 307 STATION NAME 0355TH AFB TX YEARS 77-78 MONTH 6
 CLASS ALL WEATHER HOURS 1000-1400
 CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.	4.	3.1	.7								1.1	3.4
NNE	.	1.2	1.2	.2	.2	.1						1.4	1.2
NE	.	1.4	1.2	.1								.2	1.4
ENE	.	.	1.2									.2	1.2
E	1.	1.2	1.2									1.2	1.2
ESE	.	1.2	.7									.4	1.2
SE	.	1.2	.4									.1	.4
SSE	.	1.1	1.2	.1								.3	1.4
S	1.7	3.	4.2	.7								.3	1.4
SSW	1.4	3.2	3.5	.2								.8	1.2
SW	.4	1.2	2.7	2.2	.2							.1	1.2
WSW	.	1.2	2.7	3.1	.2							.7	1.7
W	.2	3.2	4.	2.2	.1							1.1	1.1
WNW	.2	1.2	3.1	1.2	.1							.5	1.4
NW	.3	.	1.2	1.2								.2	1.2
NNW	.1	2.	2.	1.2								.4	1.2
VARBL													
CALM													
	1.2	2.7	30.3	15.2	1.2	.1							2.2

TOTAL NUMBER OF OBSERVATIONS 1000

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 330 STATION NAME 330 AF3 IN YEARS 77-81 MONTH NORTH
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	3.1	5.2	.1								1.1	7.1
NNE	.1	1.1	1.6	.1		.1						.2	0.6
NE	.1	1.1	.1									.1	4.0
ENE	1.1	1.0	.4									.7	4.3
E	1.1	1.1	1.3									4.0	5.3
ESE	.1	1.1	.2									.1	4.3
SE	.1	.7	.2									.1	4.3
SSE	.2	.1	.4	.1								.1	4.1
S	1.2	3.1	5.3	.1								7.1	6.2
SSW	1.1	2.1	3.2	.1	.1							7.1	6.9
SW	1.1	2.1	4.4	.1	.3							1.1	6.2
WSW	.7	1.1	3.1	3.7	.3							.1	9.1
W	.7	2.1	1.9	2.1	.7							7.1	5.9
WNW	1.1	1.2	3.0	1.2								7.1	7.6
NW	.7	1.1	2.1	1.1								.1	7.6
NNW	.1	2.1	3.4	1.6	.1							.1	6.1
VARBL													
CALM												.1	
	1.1	22.3	54.2	14.1	1.6	.1						1.1	1.1

TOTAL NUMBER OF OBSERVATIONS 899

ALCANTARA, LOUISIANA
STAC
STATION - SERVICE TAG

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 30 STATION NAME ALCANTARA, LOUISIANA YEARS 73-00 NORTH 5
CLASS ALL HOURS (LST) 1200-1200
CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	0.2	4.2	1.5	.1							1.0	5.2
NNE	.2	1.2	.5	.1								.7	2.1
NE	1.2	.5	.1									.2	2.1
ENE	.2	.5										.2	2.1
E	.2	1.2	.2									.2	2.1
ESE	1.2	1.2	.2									.2	3.6
SE	.2	1.1	.2									.2	4.1
SSE	.2	.2	.2									.2	2.2
S	1.2	4.2	1.3	.1								1.0	4.2
SSW	.2	5.2	1.8	.1								1.0	4.2
SW	.2	2.2	1.7	.3								.2	2.2
WSW	1.1	1.2	.4	.2								.1	2.2
W	1.2	1.3	1.3	.2								.1	2.4
WNW	.7	1.1	1.2	.2								.2	2.4
NW	.1	1.2	1.2	.3	.1							.2	2.4
NNW	.2	1.2	1.4	.6								.2	2.2
VARBL													
CALM												14.2	
	2.0	33.1	26.2	3.2	.2							2.2	4.2

TOTAL NUMBER OF OBSERVATIONS 520

AL CLIMATELOGY BRANCH
AFSTAC
WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 335 STATION NAME 20511 WFB IN YEARS 77-8 NORTH
CLASS ALL SEATHED HOURS (LST) 100-2300
CONDITION

SPEED KNTS D.R.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	.1	.1	.7								11.2	1.1
NNE		.1	.7	.1								1.1	1.1
NE	.2	.1	.1									1.1	3.6
ENE	.7	.7	.1									1.7	4.0
E	.1	.1	.1									1.1	2.7
ESE	.1	1.7	.3									1.6	2.3
SE	.1	1.7	.1									1.6	3.0
SSE		.1	.6	.1								1.7	3.0
S	.7	5.4	1.7	.1	.7							11.4	4.5
SSW	.7	4.1	1.6	.4								7.8	3.6
SW	.1	.1	1.1									1.1	4.0
WSW	.1	1.7	.1									2.4	4.1
W	1.4	.1	.1									1.7	2.7
WNW	.1	1.7	.3	.1								1.1	4.0
NW	.1	1.4	.4	.1								1.1	3.7
NNW	1.2	1.4	.4	.1								1.1	4.0
VARBL													
CALM												1.4	
	5.1	33.4	11.0	1.7	.2							17.2	3.0

TOTAL NUMBER OF OBSERVATIONS 926

AL OUTMATECLOCK BRANCH
TAC
FATHER SERVICE/ AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 7.1 1000M AF 24 STATION NAME 7.2-02 YEARS 6.1 NORTH 6.2
CLASS ALL WEATHER HOURS (LST) 2.1
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	3.5	2.6	.5	.1							2.5	2.2
NNE	1.5	1.5	1.1	.5	.1							2.5	1.5
NE	1.4	1.5	.5	.5								2.5	1.5
ENE	1.4		.5									2.5	1.5
E	1.5	1.5	.9									4.3	1.5
ESE	2.7	1.2	.4	.5								2.3	1.5
SE	1.7	1.2	.5									2.3	1.5
SSE	2.5	1.5	.7	.1								4.3	1.5
S	.1	4.1	3.2	.3	.5							2.3	1.5
SSW	.3	3.2	2.1	.5								2.1	1.5
SW	1.7	2.5	3.2	.5	.1							7.6	1.5
WSW	1.5	1.5	1.5	1.7	.1							2.5	7.6
W	1.4	2.5	1.7	1.5	.1							2.4	1.5
WNW	1.0	1.4	1.5	.5	.5							4.2	1.5
NW	.7	1.5	1.3	.6	.5							4.2	1.5
NNW	.5	1.7	1.4	.6	.5							4.2	1.5
VARBL													
CALM												14.0	
	0.2	3.1	1.2	.5	.5	.1						2.5	4.2

TOTAL NUMBER OF OBSERVATIONS 7109

LOCAL CLIMATOLOGY BRANCH
 AFSTAC
 WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 384 STATION NAME COLUMBIA AFB IN YEARS 77-80
 CLASS ALL LATHER
 HOURS (LST) 700-0200

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	2.4	1.8	.7								1.2	2.4
NNE	1.1	.7	.9	.7								1.7	5.7
NE	1.1	1.1	1.3									2.7	4.7
ENE	1.1	1.1	.3									7.1	4.3
E	1.1	2.1	1.6									.4	5.7
ESE	1.2	1.4										2.7	3.7
SE	1.2	1.3	.2									1.7	4.7
SSE	1.6	2.4	.9									1.3	4.3
S	2.1	5.1	3.7	1.3								1.3	6.7
SSW	1.7	3.2	3.6	.8								1.3	5.7
SW	1.1	1.1	1.9	.6	.4							1.9	7.1
WSW	1.1	3.2	1.7	.5	.2							7.2	6.3
W	1.7	3.3	1.2	1.6	.1							1.5	6.7
WNW	.6	1.1	2.2	.7								1.1	7.1
NW	.6	1.5	.4	.7	.1							1.5	6.1
NNW	.1	1.3	.8	.7								1.7	5.6
VARBL													
CALM	1.1	36.1	2.3	1.1	.2							1.1	1.1

TOTAL NUMBER OF OBSERVATIONS 73

U.S. AIR FORCE
 CLIMATE DIVISION
 DATA SERVICE TAG

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 385 STATION NAME USSON AF 10 YEARS 1951 NORTH 501
 CLASS ALL WEATHER
 HOURS (LST) 2400-1500
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	1.5	1.5	.5	.1							2.0	2.5
NNE	.5	1.5	.5									2.0	4.5
NE	1.5	1.5	.5									2.0	4.5
ENE	.5	.5	.5									1.0	2.6
E	1.5	2.4	.5									3.4	4.7
ESE	1.1	1.7	.3									2.1	4.2
SE	.2	1.5	.3									2.1	3.2
SSE	1.7	3.3	1.7									2.2	4.2
S	.3	4.2	.5	1.1								1.2	6.2
SSW	1.5	2.7	2.4	.5								7.5	9.1
SW	1.4	3.7	1.4	.6	.2							2.7	9.2
WSW	1.4	2.5	2.2	.6	.4							2.9	7.4
W	.5	3.5	3.7	1.7	.2							11.5	7.2
WNW	.2	1.4	1.7	.4	.1							2.2	6.4
NW	.5	1.1	.5	.5								2.2	2.4
NNW	.4	1.5	.9	.2								2.5	6.1
VARBL													
CALM												14.5	
	2.3	33.5	2.0	5.1	1.1							100.0	

TOTAL NUMBER OF OBSERVATIONS 103

U.S. AIR FORCE
 WEATHER SERVICE
 AF 100-100

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 100-100 STATION NAME WEATHER SERVICE AF 100-100 YEARS 100-100 MONTH 100-100
 CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.1	1.1	1.1	1.1							1.1	1.1
NNE	1.1	1.1	1.1	1.1	1.1							1.1	1.1
NE	1.1	1.1	1.1	1.1	1.1							1.1	1.1
ENE	1.1	1.1	1.1	1.1	1.1							1.1	1.1
E	1.1	1.1	1.1	1.1	1.1							1.1	1.1
ESE	1.1	1.1	1.1	1.1	1.1							1.1	1.1
SE	1.1	1.1	1.1	1.1	1.1							1.1	1.1
SSE	1.1	1.1	1.1	1.1	1.1							1.1	1.1
S	1.1	1.1	1.1	1.1	1.1							1.1	1.1
SSW	1.1	1.1	1.1	1.1	1.1							1.1	1.1
SW	1.1	1.1	1.1	1.1	1.1							1.1	1.1
WSW	1.1	1.1	1.1	1.1	1.1							1.1	1.1
W	1.1	1.1	1.1	1.1	1.1							1.1	1.1
WNW	1.1	1.1	1.1	1.1	1.1							1.1	1.1
NW	1.1	1.1	1.1	1.1	1.1							1.1	1.1
NNW	1.1	1.1	1.1	1.1	1.1							1.1	1.1
VARBL	1.1	1.1	1.1	1.1	1.1							1.1	1.1
CALM	1.1	1.1	1.1	1.1	1.1							1.1	1.1

TOTAL NUMBER OF OBSERVATIONS 100-100

1. NATIONAL CLIMATE DATA CENTER
 2. STATION
 3. DATE OF SERVICE / AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 37 STATION NAME W. 225th AF 3 21 YEARS 77-82 DAY NORTH 000-110 HOURS (L.S.T.)

CLASS ALL FATHOM

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.1	2.5	1.2	.2							1.5	7.4
NNE	1.7	.1	.4	.7								1.2	5.6
NE	.1	1.1	1.7	.3								1.4	7.4
ENE	.1	1.1	1.7	.2								1.3	7.4
E	.1	1.1	2.5	.4								4.7	6.9
ESE	1.1	1.7	1.4	.7								1.7	6.9
SE	.1	1.1	1.4	.1								.3	6.9
SSE	.1	2.2	1.5	.7	.7							.5	7.1
S	.1	2.2	4.7	2.7	.5							11.4	7.4
SSW	.1	1.1	3.4	1.7	.1							7.5	6.9
SW	.1	1.7	3.4	4.7	.7							1.9	7.4
WSW	1.1	1.7	3.5	1.4	.7	.7						7.8	6.9
W	1.1	1.7	4.3	2.7	.7	.7						1.7	9.7
WNW	.1	1.7	2.7	2.7	.5							1.7	9.1
NW	.1	1.4	2.7	1.7	.4							1.4	8.5
NNW	.1	1.1	1.4	.7								1.1	7.1
VarBL													
CALM													
	11.1	23.1	31.1	17.7	3.4	.1							

TOTAL NUMBER OF OBSERVATIONS 736

OFFICIAL CLIMATOLOGY BRANCH
AFETAC
WEATHER SERVICE/TAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 301 01030M AFB IN 1971 1971
STATION NAME YEARS
CLASS ALL WEATHER 1200-1400
HOURS (L S T)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.0	2.0	1.3								1.2	2.7
NNE	.1	.7	1.0	.6	.7							.1	1.1
NE	.1	.7	.1		.1							1.2	1.3
ENE	.1	1.2	1.2	.1								.7	1.6
E	.1	1.2	2.3	.1								.7	1.6
ESE	.1	.1	1.4	.4								.2	1.2
SE	.1	1.1	.6	.3								.3	1.7
SSE	.1	1.0	2.3	.6		.1						.4	7.0
S	.1	1.0	4.5	2.3	.4	.1	.1					.9	9.4
SSW	.4	1.0	2.4	1.8	.3							.1	10.7
SW	.1	1.4	2.0	4.0	.6	.1						.4	11.4
WSW	.1	1.0	2.0	2.5	.1	.1						.0	9.0
W	.1	1.0	3.7	4.5	.3	.4						11.0	10.6
WNW	.4	1.0	2.0	2.2	1.2	.7						.8	10.4
NW	.1	1.1	2.0	2.5	.7							7.2	9.7
NNW	.1	1.4	2.6	1.3								.2	7.9
VARBL													
CALM												.3	
	1.4	10.9	30.3	27.7	4.5	1.1	.1					1.0	2.1

TOTAL NUMBER OF OBSERVATIONS 1271

U.S. AIR FORCE
 USAFETAC
 WEATHER SERVICE/AF

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 305 STATION NAME 30500 AF IN YEARS 1950-1951 MONTH NORTH 1950-1951 HOURS 11 5 1

CLASS ALL WEATHER

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.1	4.7	1.6	.1							1.4	1.1
NNE	1.0	1.1	1.2	.6	.1							1.1	7.2
NE	.1	1.5	.3									1.8	4.2
ENE	.1	1.1	2.1									3.3	6.0
E	.6	.8	1.2	.4								2.0	7.2
ESE	.8	.1	.8	.2								1.9	6.1
SE	.1	.7	.6	.2								1.6	7.2
SSE	.1	1.7	2.5	.4	.2							1.9	7.4
S	.1	2.1	3.9	1.8	.2	.2						1.7	6.6
SSW	.1	1.8	3.2	3.3	.2	.2						1.4	7.7
SW	.1	.4	2.6	2.7	.6							1.0	1.8
WSW	.1	1.2	2.9	3.5	.2							.8	1.2
W	.1	1.1	3.1	4.6	.2	.2						11.2	1.2
WNW	.1	1.1	1.3	3.7	.3	.2						7.0	1.2
NW	.1	1.4	3.2	1.6	.1							1.4	6.4
NNW	1.1	1.2	3.4	1.8	.3							6.7	6.2
VARBL													
CALM												1.3	
	.1	1.3	35.0	6.8	2.1	1.2						1.2	6.7

TOTAL NUMBER OF OBSERVATIONS 230

FEDERAL CLIMATOLOGY BRANCH
AFETAC
WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME 35 10501 AFB IL YEARS 72-81 MONTH ALL
CLASS ALL WEATHER
CONDITION ALL
HOURS (LST) 0000-2359

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	4.0	7.3	1.0								11.2	6.4
NNE	.3	.0	.0	.3								1.0	0.4
NE	1.1	1.0	.0	.0								2.3	4.0
ENE	.0	2.4	.0									2.4	4.0
E	1.0	2.0	1.2									4.2	4.0
ESE	1.0	.0										1.0	3.0
SE	1.0	.0	.0									.0	3.0
SSE	1.0	3.7	1.0	.4	.1							5.2	3.0
S	.0	3.0	1.7	.0	.2							4.9	3.0
SSW	1.0	4.2	3.2	.0								8.4	3.0
SW	1.0	2.0	1.7	.0								4.7	3.0
WSW	.0	2.0	1.7	.0	.1							3.8	3.0
W	1.0	2.0	1.0	.3	.1							4.4	3.0
WNW	1.1	1.0	1.1	1.0	.7							4.9	7.4
NW	.0	1.1	1.0	.0	.2							2.3	4.1
NNW	1.0	2.0	1.7	.0								4.7	3.0
VARBL													
CALM													
	1.3	35.0	2.4	1.4	1.1							44.0	3.0

TOTAL NUMBER OF OBSERVATIONS 930

1. AL CLIMATOLOGY BRANCH
 AFSTAC
 AIR WEATHER SERVICE/AFAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 305 STATION NAME MISSION AFB TX YEARS 17-60 DATE 10-1-60
 CLASS ALL WEATHER
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.	4.7	2.4	.7	.1							1.2	2.4
NNE	.	1.7	.5	.1	.7							1.1	2.9
NE	.	1.7	1.7	.7								.3	3.1
ENE	.	1.7	.5									.	4.4
E	.	2.7	.9	.1								4.2	5.1
ESE	1.2	1.7	.2	.7								3.5	4.5
SE	1.7	1.4	.1									1.1	3.4
SSE	.3	3.1	1.4	.7								1.5	4.1
S	1.2	5.1	3.1	1.5	.1							11.7	6.6
SSW	1.1	3.3	2.4	.	.1							7.8	5.6
SW	1.1	1.7	2.4	.7	.7							1.0	6.1
WSW	.	1.7	1.5	.9	.1							.1	7.1
W	1.7	3.7	1.5	1.7	.4							2.7	7.1
WNW	.	1.7	1.5	.9	.1							2.2	5.6
NW	.	1.7	1.5	.1								4.4	5.2
NNW	.4	1.7	.4	.4								3.3	5.7
VARBL													
CALM												1.7	
	.2	37.5	2.2	7.6	1.4								

TOTAL NUMBER OF OBSERVATIONS 729

U.S. AIR FORCE CLIMATOLOGY BRANCH
 AFM 1-1
 AFM 1-1

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1350000 AFM 1-1
 STATION NAME 1350000 AFM 1-1
 YEARS 1950-59
 MONTH ALL
 CLASS ALL
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	2.0	2.4	1.1	.1							.7	0.8
NNE	.7	1.0	.8	.7	.1							.7	0.8
NE	.7	1.0	.8	.1	.1							.7	0.8
ENE	.7	1.0	1.0	.6								.7	0.8
E	.7	2.0	1.7	.2								.7	0.8
ESE	.7	1.1	.6	.1								.7	0.8
SE	1.1	1.0	.7	.1								.7	0.8
SSE	1.7	2.0	1.6	.7	.1							.7	0.8
S	1.7	3.7	2.4	1.7	.2	.7	.7					1.7	7.1
SSW	1.0	2.0	2.6	1.0	.1							.7	7.1
SW	1.0	1.0	2.2	1.7	.7	.7						.7	7.1
WSW	1.0	1.0	2.2	1.7	.2	.1						.7	7.1
W	1.0	2.0	2.0	.4	.1							.7	7.1
WNW	.7	1.0	1.0	1.4	.7	.1						.7	7.1
NW	.7	1.0	1.0	.7	.1							.7	7.1
NNW	.7	1.0	1.0	.7	.1							.7	7.1
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS 7477

U.S. AIR FORCE
 CLIMATE BRANCH
 AFM 7-10.1
 WEATHER SERVICE/AFM

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 734 STATION NAME 31001 AF 14 YEARS 1961-1962
 CLASS ALL-WEATHER
 CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.4	1.4	.3	.1								1.4	4.2
NNE	.4	.3	.3	.1								1.4	4.2
NE		1.7	.3	.1								1.4	4.2
ENE		1.1	.7	.6								1.4	4.2
E		1.1	1.7	.3								1.4	4.2
ESE	.1	.4	1.1	.1								1.4	4.2
SE		1.4	1.4	.3								1.4	4.2
SSE	1.4	.3	1.7	.3	.1							1.4	4.2
S	.4	4.3	3.7	1.7	.6	.2						12.4	6.2
SSW	1.4	2.4	1.3	2.7	.3							10.4	4.4
SW	.3	2.4	1.6	1.1	.4	.1						7.2	3.2
WSW	.3	1.4	3.2	1.7	.7							6.2	3.2
W	1.4	3.4	3.7	.3	1.4							13.7	3.2
WNW	.3	1.4	2.7	.3	.7	.1						4.9	1.2
NW	.3	1.7	1.4	.3								4.1	2.2
NNW	.4	.3	.6	.3								1.1	1.1
VARBL													
CALM													

TOTAL NUMBER OF OBSERVATIONS 222

LOCAL CLIMATOLOGY BRANCH
AFETAC
WEATHER SERVICE/PAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1331 1050N AFS 14 77-52 1962
STATION NAME YEARS
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.	.7	.7								1.1	2.4
NNE	.4	.	.4	.5								1.7	5.7
NE	1.7	1.1	.	.7								7.9	5.3
ENE	1.1	.	.9	.7								5.7	5.7
E	.6	1.7	.8	.6								2.4	6.7
ESE	1.	1.7	.9	.7								7.1	5.1
SE	1.7	2.1	1.4	.7	.1							7.3	5.
SSE	.7	2.	1.3	.6								4.	6.5
S	1.7	3.3	3.	1.7	.4	.2	.1					15.3	7.3
SSW	1.1	1.	2.	1.7	.3	.1						7.	6.
SW	1.2	1.	1.6	2.6		.6	.1					7.4	4.7
WSW	1.1	1.2	2.2	1.	.1	.1						1.4	5.1
W	2.4	4.6	2.6	4.6	.7		.1					14.3	5.3
WNW	.7	1.2	4.	3.6	.4	.1						10.7	4.7
NW	.6	.	1.1	.6								1.	5.2
NNW	.6	.6	.4									2.4	5.2
VARBL													
CALM												7.4	
	15.0	8.2	25.3	15.2	2.1	1.1	.3					15.0	7.1

TOTAL NUMBER OF OBSERVATIONS 700

U.S. AIR FORCE
 METEOROLOGICAL SERVICE
 WASHINGTON, D.C.

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 33 STATION NAME W. 1000 M. F. S. 25 YEARS 1950 MONTH NOV
 CLASS ALL WEATHER HOURS (L.S.T.) 000-2400
 CONDITION _____

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.	1.7	1.7	.	.	.	.	.	.	.	.	2.2	0.0
NNE	.	.	.	.	.	.	.	.	.	.	.	2.2	0.3
NE	.	.	.	.	.	.	.	.	.	.	.	2.4	0.5
ENE	.	1.7	.	.	.	.	.	.	.	.	.	2.5	0.7
E	1.7	1.4	.	.	.	.	.	.	.	.	.	4.3	0.4
ESE	.	1.	1.1	.	.	.	.	.	.	.	.	2.2	0.0
SE	.	1.4	1.1	.	.	.	.	.	.	.	.	4.2	4.2
SSE	.	1.7	2.4	1.	.	.	.	.	.	.	.	2.1	2.0
S	1.7	2.2	4.2	1.	.	.	.	.	.	.	.	2.2	7.1
SSW	2.2	.	5.	.	.	.	.	.	.	.	.	1.3	7.8
SW	1.1	1.4	1.4	1.6	1.	.	.	.	.	.	.	6.0	9.3
WSW	.	1.7	2.7	2.2	.	.	.	.	.	.	.	7.4	8.6
W	1.7	3.	4.1	5.	.	.	.	.	.	.	.	14.2	9.1
WNW	.	1.	7.3	2.6	.	.	.	.	.	.	.	2.4	1.2
NW	.	.	.	1.6	.	.	.	.	.	.	.	2.0	0.4
NNW	.	.	4.	1.	.	.	.	.	.	.	.	1.	0.1
VARBL	.	.	.	.	.	.	.	.	.	.	.	.	.
CALM	.	.	.	.	.	.	.	.	.	.	.	0.9	.
	1.4	23.7	1.7	1.1	1.7	1.4	1.	.	.	.	.	10.1	7.1

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
AFETAC
WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 731 0150N 1061N STATION NAME 77-P-1 YEARS 1957-1960
 CLASS ALL WEATHER
 CONDITION ALL WEATHER
 HOURS (LST) 000-1100

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.7	1.7	.7								2.1	6.1
NNE		.7	.8	.7								2.2	7.6
NE	.7	.7	.8	.7								2.2	6.7
ENE	.7	1.7	1.8	.7								4.4	6.3
E	.7	1.7	1.2	.4								3.0	6.2
ESE	.7	1.7	1.7	.8	.1							1.7	6.3
SE	.7	1.7	1.7	.4								3.0	6.1
SSE	1.1	1.7	2.2	1.2								6.3	7.2
S	.7	1.7	4.1	1.7	.4							7.4	9.5
SSW	.7	1.7	4.1	2.8	.9							7.3	10.1
SW	.7	.7	1.8	2.7	1.7	.1						7.3	11.2
WSW	.4	1.7	1.8	3.2	.7	.1						7.7	9.9
W	.7	2.1	1.7	1.1	.7	.3	.2					11.6	10.8
WNW	.4	.7	2.8	4.7	.4	.3						11.3	11.3
NW	.7	1.7	1.9	2.0	.1	.7						11.7	10.7
NNW	.7	.7	.7	.7								1.7	6.6
VARBL													
CALM	.7	1.7	11.1	20.4	3.7	1.2	.7					11.7	8.9

TOTAL NUMBER OF OBSERVATIONS 400

AL CLIMATE PLOOM HANCH
 TAC
 PATH SERVICE HAD

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 30 STATION NAME 17-50 YEARS MONTH 1-10-1-00
 CLASS ALL-Weather
 CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	..	1.0	..	..	..	..	..	..	..	..	..	..	0.0
NNE	1.1	..	..	..	..	..	..	..	..	..	0.0
NE	0.0
ENE	..	1.1	1.1	..	..	..	..	..	..	..	..	..	0.0
E	..	2.0	2.0	..	..	..	..	..	..	..	..	..	0.0
ESE	..	1.1	..	..	..	..	..	..	..	..	..	..	0.0
SE	..	1.1	..	..	..	..	..	..	..	..	..	..	0.0
SSE	..	1.1	1.1	1.1	..	..	..	..	..	..	..	..	0.0
S	..	1.0	2.0	2.0	..	..	..	..	..	..	..	..	0.0
SSW	..	2.1	2.4	3.6	1.7	..	..	..	..	..	..	..	0.0
SW	..	1.0	2.1	4.0	..	..	..	..	..	..	..	..	0.0
WSW	2.4	3.6	1.7	..	..	..	..	..	..	..	0.0
W	..	1.0	2.0	7.1	1.7	..	..	..	..	..	..	..	0.0
WNW	2.0	5.0	1.1	..	..	..	..	..	..	..	0.0
NW	..	1.1	1.0	2.0	..	..	..	..	..	..	..	..	0.0
NNW	1.2	..	..	..	..	..	..	..	..	..	0.0
VARBL	0.0
CALM	0.0

TOTAL NUMBER OF OBSERVATIONS 400

U.S. AIR FORCE
 U.S. AIR FORCE
 U.S. AIR FORCE

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 335 STATION NAME 335000 AF 17 YEARS 17-68 MONTH 8-1 NORTH 17-68 HOURS (LST) 17-68

CLASS ALL WEATHER

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	1.0	2.4	.0								2.2	7.6
NNE	.0	1.0	1.1	.3								2.7	6.0
NE	.0	.0	.0	.0								1.0	6.0
ENE	.0	1.7	2.3	.1								4.0	7.1
E	.7	1.0	1.7	.4								4.3	6.5
ESE	.0	.7	.9	.0								2.8	6.9
SE	.4	1.0	.9	.7								2.7	6.6
SSE	.0	1.3	1.2	.7								4.0	7.2
S	1.0	1.6	2.4	2.4	.4							.2	6.0
SSW	.0	1.0	3.6	7.4	.7	.1						12.0	4.0
SW	.7	1.0	3.2	2.2	.7							.4	4.0
WSW	1.0	1.2	3.0	1.0	.0	.7						.2	10.7
W	.1	2.0	4.3	6.8	1.4	.9						17.0	11.1
WNW	.0	1.4	3.6	4.0	1.2							1.4	11.1
NW	.0	.0	1.0	1.0	.2							4.0	10.6
NNW	.1	.0	1.6	1.7	.4							4.0	10.4
VARBL													
CALM												.2	
	.6	19.4	34.6	7.7	5.7	1.2						1.0	5.1

TOTAL NUMBER OF OBSERVATIONS 472

U.S. AIR FORCE
 CLIMATE DATA CENTER
 WASHINGTON, D.C. 20330-5000

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 335 STATION NAME 3354 AFB IN YEARS 1960 MONTH Nov
 CLASS ALL DATA HOURS (LST) 1800-0000
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	2.1	2.2	.3								1.2	4.2
NNE	.0	.0	.3									1.1	4.2
NE	.0	1.2	1.2	.0								1.1	6.8
ENE	.0	3.1	1.7	.8	.1							1.2	7.9
E	.0	1.2	1.2	.4	.1							1.2	7.4
ESE	1.3	.0	.1	.7	.1							1.3	5.1
SE	1.0	1.2	.9	.5								1.0	5.1
SSE	1.7	1.0	1.7	.3								1.2	5.1
S	.0	3.8	2.1	1.3	.4							1.4	7.4
SSW	1.0	3.4	2.3	2.3	.1							1.1	7.4
SW	1.0	.0	1.7	1.7	.2	.1						1.1	7.3
WSW	.0	1.3	2.7	1.1	.3	.2						1.4	7.2
W	1.0	3.1	3.7	2.0	1.7	.5						1.4	10.4
WNW	.1	1.2	2.7	1.4	.7							1.4	9.2
NW	.3	.0	2.6	1.7								1.4	9.2
NNW	.4	1.0	1.2	.0	.1							1.3	7.9
VARBL													
CALM													
	14.7	29.4	28.9	15.7	3.4	.7						1.2	7.4

TOTAL NUMBER OF OBSERVATIONS 200

U.S. AIR FORCE
METEOROLOGICAL SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1335 STATION NAME 1335 YEARS 1951-1952
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	2.0	1.2	0.2								2.2	1.1
NNE	0.2	1.0	0.2	0.2								0.8	0.7
NE	0.2	1.0	0.4	0.2	0.1							0.8	0.7
ENE	0.2	1.1	1.2	0.2	0.3							0.1	0.5
E	1.0	2.4	1.3	0.6	0.1							0.4	0.7
ESE	1.0	1.0	0.6	0.3	0.2	0.1						0.2	0.1
SE	1.0	1.0	1.1		0.2							0.1	0.1
SSE	1.2	2.0	1.6	0.8	0.2	0.1						0.9	0.7
S	0.3	4.0	2.7	1.2	0.3							1.3	0.7
SSW	1.0	3.0	2.7	2.9								0.8	0.7
SW	0.2	2.0	2.2	1.3	0.1							0.7	0.5
WSW	0.2	1.0	1.6	1.6	0.6	0.1						0.7	0.5
W	1.0	2.4	4.1	2.7	1.0	0.4						1.1	0.6
WNW	0.2	2.0	2.3	2.3	0.4	0.2						0.2	0.5
NW	0.2	0.1	1.9	1.2	0.2							0.2	0.5
NNW	0.1	0.1	0.5	0.2								0.5	0.7
VARBL													
CALM												0.5	
	1.4	31.7	25.7	12.0	4.2	1.2						2.2	0.7

TOTAL NUMBER OF OBSERVATIONS 200

JOINT CLIMATE CENTER
AFETAC
METEOROLOGICAL SERVICE

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 0 22000 AFETAC STATION NAME AFETAC YEARS 1951 NORTH 0 0 0

CLASS ALL WEATHER MOLES (L.S.T.) 0 0 0

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.7	1.4	.4								1.3	1.1
NNE	.4	.	.6	.2								1.2	1.1
NE	.2	1.1	.7	.3	.2							1.7	1.1
ENE	.	1.1	1.2	.4	.1							1.7	1.1
E	.2	1.7	1.3	.4	.2							1.2	1.1
ESE	.	1.7	.	.4	.1	.						1.2	1.1
SE	.1	1.1	1.1	.7	.1	.						1.1	1.1
SSE	.	1.1	1.7	.2	.1	.						1.1	1.1
S	1.1	2.7	2.1	1.2	.4	.1	.					1.3	1.1
SSW	1.2	2.3	3.2	2.6	.6	.	.					1.7	1.1
SW	.	1.1	1.7	2.4	.4	.2	.5					1.6	1.1
WSW	.2	1.3	2.2	2.6	.4	.2	.					1.6	1.1
W	1.1	3.1	4.0	4.7	1.2	.4	.2					1.4	1.1
WNW	.	1.1	3.1	3.3	.7	.1						1.1	1.1
NW	.3	.	1.5	1.6	.1	.1						1.4	1.1
NNW	.	.	.3	.5	.1							1.4	1.1
VARBL												1.1	
CALM												1.1	
	1.2	2.4	23.7	4.1	2.0	1.1	.1					1.1	1.1

TOTAL NUMBER OF OBSERVATIONS 1,000

AL CLIMATOLOGY BRANCH
 AFAC
 FATHER SERVICE/AFAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 301 01504 AF IN STATION NAME 17-52 YEARS MONTH 0-0000 HOURS (LST)

ALL SEATED CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	1.0	1.0	.0	.1							1.0	7.7
NNE	.0	1.1	1.3	.0	.1							2.2	7.4
NE	.0	1.0	.0			.0						1.0	7.0
ENE	.0	.0	1.1	.1								.0	6.5
E	.0	1.7	2.6	.0								.6	7.6
ESE	.0	1.0	1.6	.0								4.0	6.6
SE	.0	1.7	.9									.0	6.1
SSE	.0	1.7	1.5	.0	.1							1.0	7.2
S	1.0	1.0	2.7	2.0	1.1							.0	8.9
SSW	.0	2.0	3.7	3.4	.0	.1						10.0	7.5
SW	.0	1.0	2.9	2.6	.5							.0	7.4
WSW	.0	1.0	2.7	2.7	.0	.0						.4	7.6
W	.0	2.4	2.9	3.4	.0	.0						.0	10.0
WNW	.0	.0	2.5	4.7	1.0	.0						.0	11.7
NW	.3	1.0	2.2	1.0	.0							.0	9.0
NNW	.1	.0	.0	.0								.2	7.7
VARBL													
CALM													
	.4	23.0	22.2	24.0	4.0	1.1						1.0	8.5

TOTAL NUMBER OF OBSERVATIONS 47

U.S. AIR FORCE
 U.S. AIR FORCE
 U.S. AIR FORCE

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 33 STATION NAME 2000 AF 14 YEARS 1-5
 CLASS All Weather
 CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.0	1.3	1.0	.2							.2	1.0
NNE	.3	.0	1.3	.4	.1							.2	1.0
NE	.0	1.0	.0	.0								.0	1.0
ENE	.1	1.4	1.0	.0	.1							.0	1.0
E	.0	1.1	.0	.0								.0	1.0
ESE	.0	1.0	1.7	.4								.0	1.0
SE	.0	2.0	1.0	.1								.0	1.0
SSE	.0	1.1	.0	.4								.0	1.0
S	.0	2.0	2.3	1.0	.4	.1						.0	1.0
SSW	.0	2.0	4.1	2.0	.4							1.0	1.0
SW	.0	2.0	3.0	2.0	1.0							1.0	1.0
WSW	.0	1.0	2.4	1.0	.0							.0	1.0
W	.0	2.0	2.0	2.0	1.0	.0	.1					1.0	1.0
WNW	.0	2.0	2.0	2.0	.0	.0						.0	1.0
NW	.0	1.0	1.0	1.0	.0							.0	1.0
NNW	.0	.0	.0	.0								.0	1.0
VARBL												.0	1.0
CALM												.0	1.0
	1.0	7.0	27.4	20.0	5.3	.0	.1					1.0	1.0

TOTAL NUMBER OF OBSERVATIONS 3

JOINT CLIMATELOGY BRANCH
AFETAC
WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 301 STATION NAME 3010000 AF. IN. YEARS 71-80 MONTH 01-12
CLASS ALL HATHCO
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	2.7	.0	1.2	.7							.2	7.2
NNE	.4	1.7	.0	.4								.2	0.4
NE	.4	.0	1.1	.0	.3							.2	0.3
ENE	.0	1.0	.0	.1	.1							.3	0.7
E	.0	.0	1.3	.4								.3	0.3
ESE	.0	1.1	1.0	.0								.1	0.0
SE	1.1	1.0	1.0	.0								.0	0.0
SSE	.0	1.0	1.0	1.1	.1							.3	7.4
S	.0	2.7	1.4	.0	.7							1.0	7.0
SSW	1.1	1.0	1.0	2.7	.0							.0	7.0
SW	.0	1.0	2.9	2.7	.0	.4						.9	10.1
WSW	.0	1.1	2.0	1.0	.7							.0	0.0
W	.0	2.0	4.0	1.4	1.4	.1	.1					1.4	10.7
WNW	.0	2.0	2.0	.0	.0	.0						1.0	10.0
NW	.0	.0	1.4	1.0								.0	7.0
NNW	.0	.0	1.0	.0	.0							.0	7.0
VARBL												.1	
CALM												.1	
	11.0	24.0	11.4	1.0	4.7	.4	.1						

TOTAL NUMBER OF OBSERVATIONS 931

U.S. AIR FORCE
 1. AL CLIMATE DATA BRANCH
 2. AFM 7-10.1
 3. AIR FORCE SERVICE CENTER

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 301 STATION NAME 10504 AFM 1 YEARS 10-11 MONTH 10-11
 CLASS ALL WEATHER
 CONDITION
 HOURS 11-11

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.	1.1	1.0	1.7	.2							2.4	1.0
NNE	.	1.0	1.1		.1							2.1	0.7
NE	.	1.1	1.2	.4	.7							2.2	0.7
ENE	.	.	.6	.7								1.3	0.7
E	.5	1.1	2.4	.1								2.3	0.7
ESE	.	1.0	.	.6								1.6	0.6
SE	.	1.0	1.0	1.0								3.0	0.6
SSE	.	1.0	1.0	1.1	.4							3.5	0.6
S	1.2	1.0	3.5	1.0	.5							6.2	0.6
SSW	.	1.1	.4	1.1	1.3	.7						4.6	0.6
SW	.	1.0	.3	2.0	1.0		.1					4.4	0.6
WSW	.	.	1.0	1.0	.3	.1	.1					2.5	0.6
W	.	2.7	4.5	3.4	.5	.3						11.2	0.6
WNW	.	.	1.0	3.1	.2	.7						5.2	0.6
NW	.4	.	1.0	1.0	.2							2.6	0.6
NNW	.	1.0	.2	1.0	.2							2.4	0.6
VARBL												0.4	
CALM												0.4	
	.5	17.7	32.2	11.1	5.5	1.5	.2					77.1	

TOTAL NUMBER OF OBSERVATIONS 771

CLIMATE CLIMATOLOGY BRANCH
AFETAC
WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 334 STATION NAME 1000M AFB IN YEARS 1962 NORTH
CLASS ALL SEATHER
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.7	2.2	2.6	.4							.2	7.9
NNE	.1	.	.4	.6								.3	6.4
NE	.2	.	1.3	.3	.1							.3	6.1
ENE	.	1.1	1.1	.6	.1							.3	7.1
E	.	1.5	1.7	.7								.3	6.4
ESE	.	1.4	.9	.6								.3	6.6
SE	.2	1.1	1.3	.4	.1							.2	6.1
SSE	.4	1.3	2.5	1.7	.1							.6	8.6
S	.	.	2.5	3.7	.5							.6	10.6
SSW	.4	1.4	2.9	3.6	1.1	.7						.7	11.5
SW	.	1.1	2.3	3.1	1.5	.7	.1					.7	12.7
WSW	.	1.2	1.9	4.1	.6	.7	.1					.3	11.1
W	.	2.2	4.1	6.2	1.7	.4						1.4	11.2
WNW	.4	1.1	2.6	3.6	.4	.7						.9	10.0
NW	.4	.6	1.5	2.7	.4	.6						.9	10.7
NNW	.	.	1.3	1.7								.3	6.4
VARBL													
CALM												1.0	
	7.1	18.7	33.5	33.1	6.2	1.9	.2					10.2	14.7

TOTAL NUMBER OF OBSERVATIONS 47

U.S. AIR FORCE CLIMATE BRANCH
AFM/TAC
WEATHER SERVICE/TAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 337 STATION NAME 2004 AF 10 YEARS 71-8 MONTH 8
CLASS ALL WEATHER HOURS 1700-1750
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.4	2.5	1.1	.1							1.6	3.1
NNE	.1	.4	.9	.6								1.0	2.8
NE	.1	.1	.6	.2								1.7	6.5
ENE	.3	.1	.6	.1								1.0	7.5
E	.1	2.7	2.3	.1								3.5	9.2
ESE	.1	1.3	1.5									3.0	9.1
SE	.1	1.2	1.8	.1	.1							4.0	9.2
SSE	.1	1.9	1.2	.6		.1						4.2	7.7
S	1.0	2.0	2.4	2.7	.4	.1						7.8	7.7
SSW	1.1	1.0	3.3	3.1	.4	.7						11.1	7.8
SW	.1	1.3	1.1	3.1	.8	.2						7.0	11.2
WSW	.1	.4	2.9	3.3	.4	.5						7.0	11.3
W	.1	2.7	5.6	5.1	1.7	.4	.2					12.7	11.3
WNW	.1	.1	1.6	2.9	.9	.2						2.1	12.3
NW	.1	.4	2.3	2.1	.2	.2						2.7	12.2
NNW	.4	1.1	2.0	1.7	.5	.2						2.5	12.7
VARBL													
CALM	.4	1.0	33.2	27.7	5.2	2.4	.2					27.2	2.3

TOTAL NUMBER OF OBSERVATIONS 53

JOINT CLIMATE LOGISTICS BRANCH
 AFSTAC
 1000 PATH W. SERVICE MAG

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 334 STATION NAME 000000 AFEL IN YEARS 1961 MONTH 0000
 CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	MEAN WIND SPEED
N	1.1	1.1	1.7	1.5	.1							7.2
NNE	.1	1.1	.7	.5								7.4
NE	.1	.1	.7	.7								7.4
ENE	.1	1.7	1.6	.6								7.4
E	.1	2.7	1.9	.7								6.4
ESE	.1	1.7	.9	.2								6.7
SE	1.1	.1	1.7	.4								6.3
SSE	.1	.1	1.4	.1								6.4
S	1.1	2.1	4.1	2.5	.5						11.2	6.1
SSW	1.1	1.1	1.7	2.5	.5	.1						7.7
SW	.1	1.1	1.4	1.2	.2							6.1
WSW	.1	1.1	1.9	1.7	.5	.1						6.1
W	1.1	2.1	5.1	3.7	1.1	.3					14.4	6.7
WNW	.1	.1	2.5	3.1	.4	.4	.1					12.1
NW	.1	1.1	1.5	1.5	.7							9.7
NNW	.1	1.2	1.4	1.6	.7							7.4
VARBL												
CALM												
	11.7	25.4	3.1	1.4	4.3	1.7	.1				17.2	6.6

TOTAL NUMBER OF OBSERVATIONS 676

U.S. AIR FORCE
 AFM 7-10.1
 1 JUL 64

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION NAME USAF FORT MONROE YEARS 1950-1959 MONTH ALL
 CLASS ALL
 CONDITION ALL
 HOURS (LST) 100-2000

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	0.0	1.0	1.7	1.4								4.2	0.0
NNE	0.0	1.0	0.0	0.4								2.4	7.3
NE	0.0	0.0	1.0	0.0								0.4	7.0
ENE	0.0	1.1	1.0	0.4								0.7	7.0
E	0.0	1.0	2.6	0.0								0.5	7.3
ESE	0.1	2.0	1.3	0.4								0.3	7.0
SE	0.0	1.0	0.0	0.0								0.0	6.4
SSE	0.0	1.0	1.0	1.2								0.0	7.4
S	0.0	2.0	3.7	2.0	0.0	0.0						1.7	7.0
SSW	0.0	1.0	3.4	2.0	1.1							0.0	7.2
SW	0.0	1.0	2.6	1.0	0.0	0.1						0.0	7.4
WSW	0.0	1.0	1.0	1.0	0.0	0.0						0.0	7.0
W	0.0	0.0	2.1	3.7	0.0	0.0						1.4	7.0
WNW	0.0	0.0	2.4	3.0	1.0	0.1						0.0	7.0
NW	0.0	0.0	2.2	2.0	0.0							0.0	7.0
NNW	0.0	0.0	1.2	1.0								0.0	7.0
VARBL													
CALM	0.0	2.1	3.6	2.2	0.3	1.4						0.0	

TOTAL NUMBER OF OBSERVATIONS 227

U. S. AIR FORCE
CLIMATE BRANCH
W. L. TAC
U. S. AIR FORCE
CLIMATE BRANCH

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 357 0 1350M AFM IN STATION NAME 77-82 YEARS NORTH

ALL - OTHER

CLASS

4.1
HOURS (L & T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.1	1.7	1.4	.2							4.5	6.2
NNE	.1	1.1	1.7	1.4	.2							4.7	7.5
NE	.3	.1	.9	.7	.1	.1						2.2	7.4
ENE	.1	1.1	1.7	1.4	.2							4.5	6.2
E	.7	1.1	2.1	1.4	.4							4.7	6.5
ESE	.1	1.1	1.2	.7								2.2	6.3
SE	.1	1.1	1.4	.5	.1							4.2	6.5
SSE	.1	1.1	1.4	.5	.1	.1						4.2	7.4
S	1.1	2.1	3.1	2.1	.5	.1						4.7	6.7
SSW	.1	1.1	3.1	3.1	.7	.1						4.6	9.9
SW	.1	1.1	2.1	2.1	.5	.1						4.3	10.3
WSW	.1	1.1	2.1	2.1	.5	.1	.1					6.5	10.4
W	.1	2.1	4.1	4.1	1.1	.1	.1					10.1	10.4
WNW	.1	1.1	2.1	2.1	.5	.1	.1					4.2	11.3
NW	.1	1.1	1.1	1.1	.2	.1						4.2	7.5
NNW	.1	.7	1.2	1.1	.1	.1						3.6	7.5
VARBL													
CALM												4.3	
	.9	22.1	31.3	20.2	5.2	1.8	.1					10.2	6.7

TOTAL NUMBER OF OBSERVATIONS

7435

U.S. AIR FORCE CLIMATE DATA CENTER
 AFAC
 DATA SERVICE AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 301 0 25501 AFAC 24 11-80 YEARS 4.1 MONTH 4.1 HOURS (LST) CLASS ALL DATA CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.5	2.4	2.1	1.2	.1	.2	.2					1.1	0.2
NNE	.7	1.0	.9	.4	.1	.2						2.7	0.7
NE	.7	1.0	.9	.1	.1	.2						1.1	2.1
ENE	.7	1.2	1.1	.1	.1	.2						2.7	7.1
E	1.2	1.0	1.0	.1	.1	.2						2.2	0.2
ESE	.1	1.7	.9	.1	.1	.2						2.2	2.2
SE	.1	1.2	.9	.1	.1	.2						2.2	2.2
SSE	1.0	1.0	1.7	.1	.1	.2						2.2	2.2
S	1.0	2.0	2.6	1.4	.2	.2						2.2	7.2
SSW	1.0	2.0	2.5	1.4	.1	.2						2.2	2.2
SW	.9	1.0	2.1	1.7	.4	.1	.2					7.2	2.7
WSW	.7	1.0	1.0	1.0	.4	.1	.2					2.4	2.4
W	1.0	2.0	2.3	2.0	.9	.1	.2	.2				11.2	2.8
WNW	.7	1.2	2.1	1.0	.5	.1	.2	.2				2.2	2.9
NW	.7	1.1	1.4	1.0	.2	.2	.2	.2				2.3	2.4
NNW	.7	1.7	1.3	.1	.1	.2	.2	.2				2.2	7.1
VARBL													
CALM												2.7	
	1.2	6.4	20.6	17.7	3.6	1.1	.2	.2				102.2	7.2

TOTAL NUMBER OF OBSERVATIONS 27634

U.S. AIR FORCE
 AFETAC
 WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 331 STATION NAME 6103 WAF 14 YEAR 1964 MONTH ALL
 INSITUMENT CLASS
6103 WAF 1400 FT 47 VS V 1/2 MI 01 MC 1
 CONDITION
AND/OR WINDY 1/2 TO 1-1/2 MI 1/015 230 FT 02 W02
 HOURS (L.S.T.) ALL

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.	2.7	3.4	2.1	.3	.	.	.	.	.	.	2.2	2.4
NNE	.	.	1.4	.	.1	.	.	.	.	.	.	2.7	2.1
NE	.	1.	1.5	1.7	.7	.1	.	.	.	.	.	4.2	2.1
ENE	.	1.2	1.7	1.6	.7	.1	.	.	.	.	.	.6	2.0
E	1.2	1.7	2.2	1.6	.7	.	.	.	.	.	.	.7	2.1
ESE	.	1.7	1.1	.	.	.	.	.	.	.	.	.7	2.5
SE	1.	.	1.7	.4	.	.	.	.	.	.	.	.3	2.2
SSE	.	1.	1.1	.	.1	.	.	.	.	.	.	.7	2.2
S	.2	1.	2.1	1.7	.3	.	.	.	.	.	.	.4	2.7
SSW	.	1.7	1.6	1.7	.7	.	.	.	.	.	.	.1	2.0
SW	.	1.7	1.4	1.7	.7	.1	.	.	.	.	.	.4	2.4
WSW	.7	1.1	1.0	1.3	.4	.1	.	.	.	.	.	.2	2.7
W	.	2.1	2.3	2.7	1.4	.3	.1	.	.	.	.	1.2	1.0
WNW	.	1.1	2.4	2.4	.7	.4	.	.	.	.	.	.7	11.3
NW	.	1.1	1.0	1.6	.7	.1	.	.	.	.	.	.5	2.5
NNW	.	1.3	2.1	1.7	.7	.	.	.	.	.	.	.5	2.9
VARBL													
CALM													
	1.2	21.2	22.9	23.1	5.2	1.7	.2	.	.	.	.	1.0	2.4

TOTAL NUMBER OF OBSERVATIONS 1004

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 10 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1940. Beginning in July 1940 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 9/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1960, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1960.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	10	6	5	4	3	2	1	0	10	6	5	4	3	2	1	0
NO CEILING																
1800																
1500					92.6											92.6
1200																
1000																
800																
700																
600																
500														97.4		97.4
400																
300																
200																
100																
0					95.4		96.9		98.3							100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0 .
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility > 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

1. METEOROLOGICAL STATION
2. NAME
3. LOCATION

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

1.0	34.1	35.7	36.3	36.7	37.2	37.5	37.8	38.1	38.4	38.7	39.0	39.3	39.6	39.9	40.2	40.5	40.8	41.1	41.4	41.7	42.0	42.3	42.6	42.9	43.2	43.5	43.8	44.1	44.4	44.7	45.0	45.3	45.6	45.9	46.2	46.5	46.8	47.1	47.4	47.7	48.0	48.3	48.6	48.9	49.2	49.5	49.8	50.1	50.4	50.7	51.0	51.3	51.6	51.9	52.2	52.5	52.8	53.1	53.4	53.7	54.0	54.3	54.6	54.9	55.2	55.5	55.8	56.1	56.4	56.7	57.0	57.3	57.6	57.9	58.2	58.5	58.8	59.1	59.4	59.7	60.0	60.3	60.6	60.9	61.2	61.5	61.8	62.1	62.4	62.7	63.0	63.3	63.6	63.9	64.2	64.5	64.8	65.1	65.4	65.7	66.0	66.3	66.6	66.9	67.2	67.5	67.8	68.1	68.4	68.7	69.0	69.3	69.6	69.9	70.2	70.5	70.8	71.1	71.4	71.7	72.0	72.3	72.6	72.9	73.2	73.5	73.8	74.1	74.4	74.7	75.0	75.3	75.6	75.9	76.2	76.5	76.8	77.1	77.4	77.7	78.0	78.3	78.6	78.9	79.2	79.5	79.8	80.1	80.4	80.7	81.0	81.3	81.6	81.9	82.2	82.5	82.8	83.1	83.4	83.7	84.0	84.3	84.6	84.9	85.2	85.5	85.8	86.1	86.4	86.7	87.0	87.3	87.6	87.9	88.2	88.5	88.8	89.1	89.4	89.7	90.0	90.3	90.6	90.9	91.2	91.5	91.8	92.1	92.4	92.7	93.0	93.3	93.6	93.9	94.2	94.5	94.8	95.1	95.4	95.7	96.0	96.3	96.6	96.9	97.2	97.5	97.8	98.1	98.4	98.7	99.0	99.3	99.6	99.9	100.0
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TOTAL NUMBER OF OBSERVATIONS

1. 2. 3. 4.

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1

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23-37

100

1999

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USA: FIA

AL CLIMATELOGY BRANCH
ETAC
1. DATA OF VISIBILITY

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

100-1100

1.0	30.0	30.1	30.2	30.3	30.4	30.5	30.6	30.7	30.8	30.9	31.0	31.1	31.2	31.3	31.4	31.5	31.6	31.7	31.8	31.9	32.0
1.1	32.0	32.1	32.2	32.3	32.4	32.5	32.6	32.7	32.8	32.9	33.0	33.1	33.2	33.3	33.4	33.5	33.6	33.7	33.8	33.9	34.0
1.2	34.0	34.1	34.2	34.3	34.4	34.5	34.6	34.7	34.8	34.9	35.0	35.1	35.2	35.3	35.4	35.5	35.6	35.7	35.8	35.9	36.0
1.3	36.0	36.1	36.2	36.3	36.4	36.5	36.6	36.7	36.8	36.9	37.0	37.1	37.2	37.3	37.4	37.5	37.6	37.7	37.8	37.9	38.0
1.4	38.0	38.1	38.2	38.3	38.4	38.5	38.6	38.7	38.8	38.9	39.0	39.1	39.2	39.3	39.4	39.5	39.6	39.7	39.8	39.9	40.0
1.5	40.0	40.1	40.2	40.3	40.4	40.5	40.6	40.7	40.8	40.9	41.0	41.1	41.2	41.3	41.4	41.5	41.6	41.7	41.8	41.9	42.0
1.6	42.0	42.1	42.2	42.3	42.4	42.5	42.6	42.7	42.8	42.9	43.0	43.1	43.2	43.3	43.4	43.5	43.6	43.7	43.8	43.9	44.0
1.7	44.0	44.1	44.2	44.3	44.4	44.5	44.6	44.7	44.8	44.9	45.0	45.1	45.2	45.3	45.4	45.5	45.6	45.7	45.8	45.9	46.0
1.8	46.0	46.1	46.2	46.3	46.4	46.5	46.6	46.7	46.8	46.9	47.0	47.1	47.2	47.3	47.4	47.5	47.6	47.7	47.8	47.9	48.0
1.9	48.0	48.1	48.2	48.3	48.4	48.5	48.6	48.7	48.8	48.9	49.0	49.1	49.2	49.3	49.4	49.5	49.6	49.7	49.8	49.9	50.0
2.0	50.0	50.1	50.2	50.3	50.4	50.5	50.6	50.7	50.8	50.9	51.0	51.1	51.2	51.3	51.4	51.5	51.6	51.7	51.8	51.9	52.0
2.1	52.0	52.1	52.2	52.3	52.4	52.5	52.6	52.7	52.8	52.9	53.0	53.1	53.2	53.3	53.4	53.5	53.6	53.7	53.8	53.9	54.0
2.2	54.0	54.1	54.2	54.3	54.4	54.5	54.6	54.7	54.8	54.9	55.0	55.1	55.2	55.3	55.4	55.5	55.6	55.7	55.8	55.9	56.0
2.3	56.0	56.1	56.2	56.3	56.4	56.5	56.6	56.7	56.8	56.9	57.0	57.1	57.2	57.3	57.4	57.5	57.6	57.7	57.8	57.9	58.0
2.4	58.0	58.1	58.2	58.3	58.4	58.5	58.6	58.7	58.8	58.9	59.0	59.1	59.2	59.3	59.4	59.5	59.6	59.7	59.8	59.9	60.0
2.5	60.0	60.1	60.2	60.3	60.4	60.5	60.6	60.7	60.8	60.9	61.0	61.1	61.2	61.3	61.4	61.5	61.6	61.7	61.8	61.9	62.0
2.6	62.0	62.1	62.2	62.3	62.4	62.5	62.6	62.7	62.8	62.9	63.0	63.1	63.2	63.3	63.4	63.5	63.6	63.7	63.8	63.9	64.0
2.7	64.0	64.1	64.2	64.3	64.4	64.5	64.6	64.7	64.8	64.9	65.0	65.1	65.2	65.3	65.4	65.5	65.6	65.7	65.8	65.9	66.0
2.8	66.0	66.1	66.2	66.3	66.4	66.5	66.6	66.7	66.8	66.9	67.0	67.1	67.2	67.3	67.4	67.5	67.6	67.7	67.8	67.9	68.0
2.9	68.0	68.1	68.2	68.3	68.4	68.5	68.6	68.7	68.8	68.9	69.0	69.1	69.2	69.3	69.4	69.5	69.6	69.7	69.8	69.9	70.0
3.0	70.0	70.1	70.2	70.3	70.4	70.5	70.6	70.7	70.8	70.9	71.0	71.1	71.2	71.3	71.4	71.5	71.6	71.7	71.8	71.9	72.0
3.1	72.0	72.1	72.2	72.3	72.4	72.5	72.6	72.7	72.8	72.9	73.0	73.1	73.2	73.3	73.4	73.5	73.6	73.7	73.8	73.9	74.0
3.2	74.0	74.1	74.2	74.3	74.4	74.5	74.6	74.7	74.8	74.9	75.0	75.1	75.2	75.3	75.4	75.5	75.6	75.7	75.8	75.9	76.0
3.3	76.0	76.1	76.2	76.3	76.4	76.5	76.6	76.7	76.8	76.9	77.0	77.1	77.2	77.3	77.4	77.5	77.6	77.7	77.8	77.9	78.0
3.4	78.0	78.1	78.2	78.3	78.4	78.5	78.6	78.7	78.8	78.9	79.0	79.1	79.2	79.3	79.4	79.5	79.6	79.7	79.8	79.9	80.0
3.5	80.0	80.1	80.2	80.3	80.4	80.5	80.6	80.7	80.8	80.9	81.0	81.1	81.2	81.3	81.4	81.5	81.6	81.7	81.8	81.9	82.0
3.6	82.0	82.1	82.2	82.3	82.4	82.5	82.6	82.7	82.8	82.9	83.0	83.1	83.2	83.3	83.4	83.5	83.6	83.7	83.8	83.9	84.0
3.7	84.0	84.1	84.2	84.3	84.4	84.5	84.6	84.7	84.8	84.9	85.0	85.1	85.2	85.3	85.4	85.5	85.6	85.7	85.8	85.9	86.0
3.8	86.0	86.1	86.2	86.3	86.4	86.5	86.6	86.7	86.8	86.9	87.0	87.1	87.2	87.3	87.4	87.5	87.6	87.7	87.8	87.9	88.0
3.9	88.0	88.1	88.2	88.3	88.4	88.5	88.6	88.7	88.8	88.9	89.0	89.1	89.2	89.3	89.4	89.5	89.6	89.7	89.8	89.9	90.0
4.0	90.0	90.1	90.2	90.3	90.4	90.5	90.6	90.7	90.8	90.9	91.0	91.1	91.2	91.3	91.4	91.5	91.6	91.7	91.8	91.9	92.0
4.1	92.0	92.1	92.2	92.3	92.4	92.5	92.6	92.7	92.8	92.9	93.0	93.1	93.2	93.3	93.4	93.5	93.6	93.7	93.8	93.9	94.0
4.2	94.0	94.1	94.2	94.3	94.4	94.5	94.6	94.7	94.8	94.9	95.0	95.1	95.2	95.3	95.4	95.5	95.6	95.7	95.8	95.9	96.0
4.3	96.0	96.1	96.2	96.3	96.4	96.5	96.6	96.7	96.8	96.9	97.0	97.1	97.2	97.3	97.4	97.5	97.6	97.7	97.8	97.9	98.0
4.4	98.0	98.1	98.2	98.3	98.4	98.5	98.6	98.7	98.8	98.9	99.0	99.1	99.2	99.3	99.4	99.5	99.6	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1000

[illegible]

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 0-14.5 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

44-38861-1000

1.1	30.2	31.1	34.5	36.5	36.5	36.3	36.6	37.6	38.1	37.7	36.7	35.7	34.7	33.7
1.2	33.7	37.4	39.2	42.8	41.2	41.2	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.7
1.3	33.5	37.6	39.1	41.1	41.1	41.1	41.5	41.5	41.5	41.7	41.7	41.7	41.7	41.7
1.4	33.1	37.1	38.4	41.1	41.1	41.4	41.1	41.2	41.7	41.5	41.5	41.5	41.5	41.7
1.5	33.1	37.1	38.4	42.5	42.5	42.5	42.7	43.1	43.1	43.3	43.3	43.3	43.3	43.3
1.6	36.1	38.5	41.5	43.5	43.7	43.2	44.1	44.2	44.2	44.2	44.2	44.2	44.3	44.4
1.7	37.7	42.7	44.7	47.2	47.4	47.6	47.7	48.1	48.1	48.1	48.1	48.1	48.1	48.1
1.8	38.7	43.7	45.7	48.2	48.4	48.5	48.5	48.9	48.9	48.9	48.9	48.9	48.9	48.9
1.9	41.5	46.5	48.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
2.0	43.5	47.1	52.2	52.2	52.2	52.2	53.3	53.7	53.7	53.7	53.7	53.7	53.7	53.7
2.1	44.1	47.7	51.5	54.4	54.6	54.9	55.3	55.4	55.4	55.5	55.5	55.5	55.5	55.5
2.2	45.1	51.1	53.5	55.5	55.5	57.2	57.2	57.2	57.2	57.5	57.5	57.5	57.5	57.5
2.3	45.1	51.1	54.4	57.4	57.6	58.1	58.3	58.4	58.4	58.5	58.5	58.5	58.5	58.5
2.4	47.3	52.2	55.5	57.2	57.2	58.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
2.5	47.4	52.6	55.5	57.5	57.5	58.5	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
2.6	47.5	52.2	55.5	57.5	57.5	58.7	59.1	59.4	59.5	59.7	59.7	59.7	59.7	59.7
2.7	47.4	52.7	57.1	59.6	59.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
2.8	47.5	52.4	57.1	59.6	59.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
2.9	47.5	52.4	57.1	59.6	59.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
3.0	47.5	52.4	57.1	59.6	59.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
3.1	47.5	52.4	57.1	59.6	59.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
3.2	47.5	52.4	57.1	59.6	59.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
3.3	47.5	52.4	57.1	59.6	59.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
3.4	47.5	52.4	57.1	59.6	59.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
3.5	47.5	52.4	57.1	59.6	59.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
3.6	47.5	52.4	57.1	59.6	59.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
3.7	47.5	52.4	57.1	59.6	59.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
3.8	47.5	52.4	57.1	59.6	59.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
3.9	47.5	52.4	57.1	59.6	59.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
4.0	47.5	52.4	57.1	59.6	59.6									

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

73-6

1000

1	7	35.7	34.1	34.0	35.2	36.5	35.7	36.7	38.4	38.8	38.5	38.4	38.7	37.5	37.5
1	8	35.7	37.1	41.0	41.2	42.4	41.8	42.1	42.7	42.7	42.7	42.7	42.7	42.7	42.7
1	9	36.2	41.7	41.5	42.6	43.0	43.0	43.0	43.1	43.1	43.1	43.1	43.1	43.1	43.1
1	9	37.2	42.7	41.8	42.6	43.0	43.0	43.0	43.1	43.1	43.1	43.1	43.1	43.1	43.1
1	9	38.2	41.1	41.7	42.7	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
1	9	39.2	42.7	43.4	43.1	43.3	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
1	1	40.6	44.8	45.7	45.0	45.2	45.4	45.4	45.5	45.5	45.5	45.5	45.5	45.5	45.5
1	1	41.6	44.1	46.2	47.1	47.4	47.4	47.4	47.7	47.7	47.7	47.7	47.7	47.7	47.7
1	2	43.7	44.1	46.7	51.2	51.4	51.6	51.6	51.8	52.0	52.0	52.0	52.0	52.0	52.0
1	2	44.7	47.1	47.9	52.4	52.6	52.8	52.8	53.0	53.2	53.2	53.2	53.2	53.2	53.2
1	2	45.8	51.4	51.4	54.7	54.3	54.5	54.5	54.7	54.9	54.9	54.9	54.9	54.9	54.9
1	3	47.4	52.3	53.3	54.6	56.0	56.8	56.8	57.1	57.2	57.2	57.2	57.2	57.2	57.2
1	3	48.2	53.3	54.3	56.4	57.5	57.7	57.7	58.0	58.2	58.2	58.2	58.2	58.2	58.2
1	4	49.4	54.7	55.7	58.4	59.0	59.2	59.2	59.4	59.7	59.7	59.7	59.7	59.7	59.7
1	4	50.5	55.1	56.6	58.4	60.1	60.3	60.3	60.4	60.7	60.7	60.7	60.7	60.7	60.7
1	4	51.6	55.9	56.4	61.2	61.1	62.2	62.2	62.4	62.6	62.6	62.6	62.6	62.6	62.6
1	5	54.8	60.7	62.5	63.7	66.1	66.5	66.5	66.7	67.3	67.4	67.4	67.4	67.4	67.4
1	5	56.3	62.7	64.7	65.7	66.9	69.5	69.6	70.1	71.1	71.2	71.2	71.2	71.2	71.2
1	5	57.6	63.7	65.8	66.4	70.3	71.1	71.4	71.7	72.7	72.7	72.7	72.7	72.7	72.7
1	6	59.1	66.5	68.6	73.5	75.5	76.6	77.1	77.4	78.7	78.7	78.7	78.7	78.7	78.7
1	6	60.9	69.1	72.9	77.4	79.1	80.5	81.2	81.7	83.0	83.7	83.7	83.7	83.7	83.7
1	6	61.6	71.1	74.4	76.7	81.7	83.5	84.7	85.7	87.0	87.2	87.3	87.5	87.7	87.7
1	7	61.6	70.1	74.5	76.9	81.9	83.9	85.1	85.5	87.2	87.6	87.6	87.6	87.6	87.6
1	7	61.6	71.1	74.8	81.4	82.0	84.5	85.7	85.8	88.0	88.3	88.3	88.3	88.3	88.3
1	7	61.6	71.4	75.5	81.1	83.3	85.4	86.6	87.7	89.2	89.7	89.9	90.3	90.4	90.6
1	7	61.6	72.5	76.5	82.7	84.6	87.0	88.2	88.9	91.9	91.5	91.7	92.2	92.1	92.5
1	7	61.9	71.1	76.2	82.5	84.4	86.9	87.6	88.2	91.7	92.5	92.7	93.5	93.7	94.2
1	7	61.9	71.1	76.2	82.5	85.1	88.3	91.1	91.9	92.9	93.0	94.1	94.3	95.2	95.7
1	7	61.9	71.1	76.2	82.5	85.1	88.6	91.9	91.4						

TOTAL NUMBER OF OBSERVATIONS

USAF F-AC 0-14.5 (CL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

• 1994-1995

USAF F-4A 0-14.5 POL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

7.2	32.4	34.1	36.1	37.4	37.7	38.7	38.3	38.7	38.8	38.8	38.8	38.5	38.5	38.5	38.4	38.4
1.1	33.6	35.1	37.4	40.5	41.1	41.5	41.3	41.1	41.7	42.1	42.2	42.2	42.2	42.1	42.1	42.1
1.3	35.7	37.2	39.6	41.1	41.3	41.7	42.1	42.7	42.5	42.3	42.2	42.2	42.2	42.2	42.2	42.3
1.3	35.7	38.7	39.6	41.7	41.3	41.7	42.1	42.1	42.2	42.2	42.2	42.3	42.3	42.3	42.3	42.4
1.7	35.8	39.1	41.5	41.7	42.3	42.7	43.2	43.7	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.7
1.9	37.4	40.2	41.8	43.1	43.4	43.7	44.2	44.2	44.3	44.4	44.4	44.4	44.4	44.4	44.4	44.5
1.1	40.1	43.1	44.7	47.5	46.9	47.4	47.7	47.7	47.8	47.7	47.7	47.9	47.9	47.9	47.9	48.1
1.4	40.4	47.1	48.5	47.8	47.4	47.7	48.2	48.2	48.2	48.2	48.4	48.4	48.4	48.4	48.5	48.5
1.1	42.2	47.7	47.5	49.7	49.4	50.3	50.3	50.5	50.5	50.5	50.6	50.6	50.6	50.6	50.6	50.7
1.4	42.1	48.1	49.5	49.9	50.5	51.2	51.2	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
1.7	44.3	47.1	49.4	51.7	52.2	52.7	52.2	53.3	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5
2.3	45.7	49.5	51.8	54.7	54.9	55.6	56.1	56.2	56.2	56.2	56.3	56.3	56.3	56.3	56.4	56.4
2.5	46.7	50.1	52.9	55.5	56.2	56.9	57.3	57.4	57.6	57.6	57.6	57.6	57.6	57.7	57.7	57.7
2.2	47.3	52.1	54.9	57.4	58.0	58.6	59.3	59.3	59.5	59.6	59.6	59.6	59.6	59.7	59.7	59.7
2.7	47.9	53.1	55.7	58.6	59.3	60.2	60.7	60.7	60.9	61.0	61.0	61.0	61.0	61.0	61.1	61.1
2.2	50.5	54.2	57.8	61.7	61.7	62.6	63.1	63.7	63.5	63.8	63.9	63.6	63.7	63.7	63.7	63.8
4.1	52.2	56.7	60.2	63.6	64.1	65.4	66.0	66.7	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.7
2.2	53.2	58.1	62.7	66.4	67.4	68.5	69.1	69.4	69.5	70.7	70.7	70.7	70.7	70.7	70.7	70.7
2.4	54.3	59.5	63.4	67.3	68.2	69.4	70.2	70.4	70.4	71.1	71.1	71.1	71.1	71.1	71.1	71.2
2.5	56.3	61.2	66.7	71.1	72.3	73.7	74.8	74.8	75.4	75.7	75.8	75.8	75.8	75.8	75.8	76.1
2.3	57.6	64.1	69.2	73.9	74.1	77.7	77.7	78.7	78.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
2.7	58.7	65.7	71.3	75.5	77.4	79.5	81.1	81.4	82.2	82.5	82.5	82.5	82.5	82.5	82.5	82.5
2.7	58.9	64.7	72.0	77.4	78.9	80.9	82.2	82.6	83.5	84.7	84.1	84.3	84.7	84.4	84.5	84.5
2.7	59.2	66.1	73.1	78.6	80.5	82.6	83.9	84.4	85.3	85.9	86.0	86.3	86.3	86.3	86.4	86.5
2.7	59.5	67.7	73.7	79.7	81.5	83.3	85.2	85.7	86.7	87.4	87.5	87.3	87.3	87.3	87.3	87.1
2.7	59.6	67.1	74.2	80.5	82.5	85.7	86.8	87.1	88.2	89.1	89.2	89.5	89.6	89.7	89.1	89.1
2																

TOTAL NUMBER OF OBSERVATIONS 744[illegible]

AL CLIMATE LOG - RANCH
T-2
FATH - 5000 FT. MSL

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

1	3	7	11	41	43.1	43.6	43.8	44.0	44.4	44.7	45	45.7	46.3	46.4	46.6	46.7	46.8
2	4	43.4	43.4	43.7	47.2	47.2	47.2	47.7	48.1	48.4	48.6	49	49.1	49.1	49.1	49.3	49.3
3	43.4	43.4	43.7	47.2	47.2	47.2	47.7	48.1	48.4	48.6	49	49.1	49.1	49.1	49.3	49.3	49.3
4	43.7	45.7	47.1	47.7	47.7	48.2	48.5	48.7	49.1	49.5	49.8	49.8	49.8	49.8	49.8	49.8	49.8
5	44.7	46.6	48.5	49.1	49.1	49.6	49.9	50.3	50.5	50.7	50.9	51.2	51.2	51.2	51.2	51.2	51.2
6	47	50.1	51.7	52.3	52.3	52.3	53.1	53.5	53.7	54.1	54.1	54.2	54.2	54.4	54.4	54.4	54.4
7	47.1	51.2	52.3	53.5	53.5	54.0	54.3	54.7	54.9	55.3	55.3	55.4	55.4	55.6	55.6	55.6	55.6
8	47.2	52.1	54.1	54.7	54.7	55.1	55.5	55.7	56.1	56.4	56.4	56.6	56.6	56.8	56.8	56.8	56.8
9	50.4	52.1	54.4	55.1	55.1	55.6	56	56.3	56.6	56.8	56.8	57.1	57.1	57.3	57.3	57.3	57.3
10	52.1	54.4	55.4	57.3	57.3	57.3	58.1	58.5	58.7	59.1	59.1	59.2	59.2	59.4	59.4	59.4	59.4
11	54.1	56.7	58.7	59.9	59.9	60.4	60.7	61.1	61.3	61.7	61.7	61.8	61.8	62.0	62.0	62.0	62.0
12	56.7	59.5	61.9	63.7	63.7	63.8	63.8	64.1	64.4	64.7	64.7	64.9	64.9	65.1	65.1	65.1	65.1
13	57.1	62.1	63.8	64.4	64.4	64.9	65.7	66.7	66.7	66.8	66.8	67.1	67.1	67.3	67.3	67.3	67.3
14	58.6	62.7	64.9	66.4	66.4	66.9	67.7	68.7	68.7	68.8	68.8	69.1	69.1	69.3	69.3	69.3	69.3
15	61.5	65.3	67.7	69.7	69.7	70.2	71.1	71.5	71.7	72.1	72.1	72.2	72.2	72.4	72.4	72.4	72.4
16	64.3	68.4	70.8	72.9	72.9	73.4	74.3	74.7	74.9	75.7	75.3	75.4	75.4	75.6	75.6	75.6	75.6
17	65.7	70.7	72.9	75.2	75.3	75.7	76.7	77.8	77.8	77.9	77.9	78.2	78.2	78.4	78.4	78.4	78.4
18	66.4	71	73.0	75.1	75.1	75.6	77.5	77.7	78.2	78.6	78.6	78.8	78.8	79.1	79.1	79.1	79.1
19	68.3	73.4	76.9	79.6	79.6	80.9	81.8	82.1	82.6	83.1	83.1	83.1	83.1	83.3	83.3	83.3	83.3
20	69.1	74.3	78.1	81.1	81.2	82.7	83.8	84.1	84.8	85.7	85.7	85.7	85.7	85.9	85.9	85.9	85.9
21	69.8	75.7	79.8	83.1	83.3	85.4	86.5	87.1	87.6	88.7	88.7	88.8	88.8	89.2	89.2	89.2	89.2
22	69.8	75.7	79.9	83.8	84.1	86.3	87.3	87.9	88.5	89.2	89.2	89.2	89.2	89.4	89.4	89.4	89.4
23	69.8	75	80.1	84.7	84.4	86.5	87.6	88.2	88.8	89.7	89.7	89.7	89.7	90.1	90.1	90.1	90.1
24	69.9	75.2	80.5	84.6	85.3	87.5	88.5	89.1	89.8	90.7	90.7	90.7	90.7	91.1	91.1	91.1	91.1
25	69.9	76.2	80.6	84.9	86.2	88.6	89.8	90.4	91.1	92.0	92.1	92.3	92.3	92.5	92.5	92.5	92.5
26	70.1	76.3	80.7	85.2	86.9	89.5	90.8	91.4	92.1	93.5	93.5	93.5	93.5	93.8	93.8	93.8	93.8
27	70.1	76.7	80.7	85.3	87.7	89.7	91.1	91.7	92.5	94.1	94.4	94.9	94.9	95.1	95.1	95.1	95.1
28	70.1	75.7	80.7	85.3	87.0	89.8	91.2	91.9	92.9	94.4	94.8	95.4	95.4	95.7	95.7	95.7	95.7
29	70.1	75.7	80.7	85.3	87.1	89.8	91.2	91.9	92.9	94.4	94.8	95.4	95.4	95.7	95.7	95.7	95.7
30	70.1	75.7	80.7	85.3	87.1	89.8	91.2	91.9	92.9	94.4	94.8	95.4	95.4	95.7	95.7	95.7	95.7

TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

22-23

1000

[illegible]TOTAL NUMBER OF OBSERVATIONS 41

GENERAL CLIMATE LOG - STATION
 DTIC
 AIRCRAFT SERVICE LOG

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

CEILING	1000	900	800	700	600	500	400	300	200	100	50	25	10	5	2	1	0
1000	100.0	34.1	38.5	37.7	40.1	43.2	40.4	41.1	41.4	41.5	41.5	41.6	41.7	41.7	42.1		
900	12.2	30.2	30.3	41.8	42.1	42.2	43.4	43.5	43.9	44.1	44.1	44.1	44.2	44.2	44.6		
800	15.7	35.2	34.4	41.1	42.3	42.7	43.1	43.7	43.7	44.2	44.4	44.4	44.4	44.5	44.6		
700	15.2	32.2	33.4	41.2	42.3	42.8	43.1	43.5	44.1	44.2	44.2	44.2	44.2	44.2	44.7		
600	15.7	33.3	32.5	41.1	42.4	43.1	43.3	44.0	44.1	44.4	44.7	44.7	44.7	44.7	44.7		
500	11.2	32.1	32.5	42.2	43.5	44.2	44.3	45.1	45.2	45.5	45.7	45.7	45.7	45.7	45.9		
400	1.3	34.0	42.1	46.0	47.6	48.3	48.6	49.4	49.5	49.9	50.1	50.1	50.1	50.2	50.2		
300	12.3	27.0	43.5	45.0	48.5	48.2	47.4	50.2	50.4	50.7	50.9	50.9	50.9	51.1	51.1		
200	1.9	41.8	45.6	49.2	51.3	51.5	51.8	52.6	52.7	53.1	53.3	53.3	53.3	53.4	53.4		
100	11.2	41.2	45.6	49.2	50.2	51.3	51.8	52.6	52.7	53.1	53.2	53.3	53.3	53.4	53.4		
50	14.2	43.3	47.5	51.2	53.0	53.9	54.1	55.0	55.1	55.4	55.7	55.7	55.7	55.8	55.8		
25	12.2	45.1	49.5	53.3	55.3	55.4	55.5	57.3	57.4	57.3	58.0	58.0	58.0	58.2	58.2		
10	20.1	47.1	51.1	54.8	56.6	57.0	57.9	58.7	58.9	59.2	59.5	59.5	59.5	59.6	59.6		
5	22.1	42.2	51.1	55.1	56.5	57.9	58.3	59.2	59.3	59.7	59.9	59.9	59.9	60.2	60.2		
2	21.3	47.1	53.7	57.7	59.7	60.8	61.1	62.3	62.4	62.6	63.0	63.0	63.0	63.1	63.1		
1	20.1	50.6	55.7	60.2	62.9	64.2	64.5	65.7	65.8	66.3	66.5	66.5	66.5	66.7	66.7		
0	21.1	52.4	57.1	63.4	65.4	66.7	67.0	68.2	68.3	68.8	69.1	69.1	69.1	69.1	69.1		
1000	22.1	54.1	61.0	65.2	67.4	68.8	69.3	70.4	70.7	71.3	71.5	71.5	71.5	71.5	71.7		
900	22.2	54.5	61.5	65.8	68.1	69.4	70.7	71.3	71.4	72.1	72.2	72.2	72.2	72.2	72.5		
800	22.1	55.6	63.7	68.1	70.7	72.1	72.8	74.1	74.2	74.8	75.1	75.1	75.1	75.2	75.3		
700	23.5	55.5	65.0	71.5	74.1	75.0	77.0	78.4	78.5	79.1	79.6	79.6	79.7	79.7	79.9		
600	23.2	59.7	68.6	73.5	76.4	76.3	79.4	81.1	81.1	81.8	82.4	82.4	82.5	82.5	82.7		
500	23.2	60.3	69.4	74.5	77.4	79.0	80.7	82.3	82.4	83.1	83.7	83.9	84.0	84.2	84.3		
400	23.2	61.2	70.1	76.2	79.3	81.7	83.1	84.8	84.9	85.7	86.5	86.6	86.8	86.9	87.1		
300	24.1	61.5	71.1	76.5	80.0	82.4	83.8	85.6	85.7	86.5	87.1	87.7	87.9	88.1	88.2		
200	24.3	61.6	71.7	77.1	80.3	83.1	84.4	86.2	86.3	87.2	88.2	88.4	88.8	88.7	89.1		
100	24.1	61.5	71.0	77.4	80.6	83.3	85.0	86.8	87.7	87.9	89.4	89.6	90.2	90.7	91.4		
50	24.1	61.0	71.7	77.5	80.9	83.6	85.7	87.7	87.0	89.1	90.1	90.1	91.6	91.3	92.0		
25	24.1	61.8	71.7	77.7	81.0	83.7	85.9	87.9	88.5	89.6	91.4	91.6	92.7	92.7	93.7		
10	24.1	61.8	71.7	77.7	81.0	83.7	85.9	88.4	89.0	90.1	92.2	92.6	93.9	94.2	94.4		
5	24.1	61.5	71.7	77.7	81.0	83.7	85.9	88.4	89.0	90.1	92.0	92.6	93.9	94.7	94.9		
2	24.1	61.5	71.7	77.7	81.0	83.7	85.9	88.4	89.0	90.1	92.0	92.6	93.9	94.7	94.9		

TOTAL NUMBER OF OBSERVATIONS 4

CEILING VERSUS VISIBILITY

23-55

—

1-52-1-22

TOTAL NUMBER OF OBSERVATIONS 45

CEILING VERSUS VISIBILITY

3-2

4-12-1792

TOTAL NUMBER OF OBSERVATIONS 4

USAF ETAC 0-14.5 VOL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

4-2-5-0

[illegible]TOTAL NUMBER OF OBSERVATIONS 45

CEILING VERSUS VISIBILITY

— 1 —

[illegible]TOTAL NUMBER OF OBSERVATIONS 4

1. ADULTIMATELY K. ANCH
2. ETAC
3. LATH. SP. VIO. 7.80

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
1	17.7	42.5	43.1	43.4	43.6	43.8	43.9	44.0	44.1	44.2	44.3	44.4	44.5	44.6	44.7	44.8	44.9	45.0	45.1	45.2	45.3	45.4	45.5	45.6	45.7	45.8	45.9	46.0	46.1	46.2	46.3	46.4	46.5	46.6	46.7	46.8	46.9	47.0	47.1	47.2	47.3	47.4	47.5	47.6	47.7	47.8	47.9	48.0	48.1	48.2	48.3	48.4	48.5	48.6	48.7	48.8	48.9	49.0	49.1	49.2	49.3	49.4	49.5	49.6	49.7	49.8	49.9	50.0	50.1	50.2	50.3	50.4	50.5	50.6	50.7	50.8	50.9	51.0	51.1	51.2	51.3	51.4	51.5	51.6	51.7	51.8	51.9	52.0	52.1	52.2	52.3	52.4	52.5	52.6	52.7	52.8	52.9	53.0	53.1	53.2	53.3	53.4	53.5	53.6	53.7	53.8	53.9	54.0	54.1	54.2	54.3	54.4	54.5	54.6	54.7	54.8	54.9	55.0	55.1	55.2	55.3	55.4	55.5	55.6	55.7	55.8	55.9	56.0	56.1	56.2	56.3	56.4	56.5	56.6	56.7	56.8	56.9	57.0	57.1	57.2	57.3	57.4	57.5	57.6	57.7	57.8	57.9	58.0	58.1	58.2	58.3	58.4	58.5	58.6	58.7	58.8	58.9	59.0	59.1	59.2	59.3	59.4	59.5	59.6	59.7	59.8	59.9	60.0	60.1	60.2	60.3	60.4	60.5	60.6	60.7	60.8	60.9	61.0	61.1	61.2	61.3	61.4	61.5	61.6	61.7	61.8	61.9	62.0	62.1	62.2	62.3	62.4	62.5	62.6	62.7	62.8	62.9	63.0	63.1	63.2	63.3	63.4	63.5	63.6	63.7	63.8	63.9	64.0	64.1	64.2	64.3	64.4	64.5	64.6	64.7	64.8	64.9	65.0	65.1	65.2	65.3	65.4	65.5	65.6	65.7	65.8	65.9	66.0	66.1	66.2	66.3	66.4	66.5	66.6	66.7	66.8	66.9	67.0	67.1	67.2	67.3	67.4	67.5	67.6	67.7	67.8	67.9	68.0	68.1	68.2	68.3	68.4	68.5	68.6	68.7	68.8	68.9	69.0	69.1	69.2	69.3	69.4	69.5	69.6	69.7	69.8	69.9	70.0	70.1	70.2	70.3	70.4	70.5	70.6	70.7	70.8	70.9	71.0	71.1	71.2	71.3	71.4	71.5	71.6	71.7	71.8	71.9	72.0	72.1	72.2	72.3	72.4	72.5	72.6	72.7	72.8	72.9	73.0	73.1	73.2	73.3	73.4	73.5	73.6	73.7	73.8	73.9	74.0	74.1	74.2	74.3	74.4	74.5	74.6	74.7	74.8	74.9	75.0	75.1	75.2	75.3	75.4	75.5	75.6	75.7	75.8	75.9	76.0	76.1	76.2	76.3	76.4	76.5	76.6	76.7	76.8	76.9	77.0	77.1	77.2	77.3	77.4	77.5	77.6	77.7	77.8	77.9	78.0	78.1	78.2	78.3	78.4	78.5	78.6	78.7	78.8	78.9	79.0	79.1	79.2	79.3	79.4	79.5	79.6	79.7	79.8	79.9	80.0	80.1	80.2	80.3	80.4	80.5	80.6	80.7	80.8	80.9	81.0	81.1	81.2	81.3	81.4	81.5	81.6	81.7	81.8	81.9	82.0	82.1	82.2	82.3	82.4	82.5	82.6	82.7	82.8	82.9	83.0	83.1	83.2	83.3	83.4	83.5	83.6	83.7	83.8	83.9	84.0	84.1	84.2	84.3	84.4	84.5	84.6	84.7	84.8	84.9	85.0	85.1	85.2	85.3	85.4	85.5	85.6	85.7	85.8	85.9	86.0	86.1	86.2	86.3	86.4	86.5	86.6	86.7	86.8	86.9	87.0	87.1	87.2	87.3	87.4	87.5	87.6	87.7	87.8	87.9	88.0	88.1	88.2	88.3	88.4	88.5	88.6	88.7	88.8	88.9	89.0	89.1	89.2	89.3	89.4	89.5	89.6	89.7	89.8	89.9	90.0	90.1	90.2	90.3	90.4	90.5	90.6	90.7	90.8	90.9	91.0	91.1	91.2	91.3	91.4	91.5	91.6	91.7	91.8	91.9	92.0	92.1	92.2	92.3	92.4	92.5	92.6	92.7	92.8	92.9	93.0	93.1	93.2	93.3	93.4	93.5	93.6	93.7	93.8	93.9	94.0	94.1	94.2	94.3	94.4	94.5	94.6	94.7	94.8	94.9	95.0	95.1	95.2	95.3	95.4	95.5	95.6	95.7	95.8	95.9	96.0	96.1	96.2	96.3	96.4	96.5	96.6	96.7	96.8	96.9	97.0	97.1	97.2	97.3	97.4	97.5	97.6	97.7	97.8	97.9	98.0	98.1	98.2	98.3	98.4	98.5	98.6	98.7	98.8	98.9	99.0	99.1	99.2	99.3	99.4	99.5	99.6	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 5767

CEILING VERSUS VISIBILITY

‘ 3-2 ’

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TOTAL NUMBER OF OBSERVATIONS 27

USAF EAC 3-14-51OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1. LOCAL CLIMATE DATA BRANCH
2. ETAC
3. WEATHER STATION NAME

CEILING VERSUS VISIBILITY

4. STATION NUMBER AND LOCATION

5. DATE

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

6. TOTAL NUMBER OF OBSERVATIONS

CEILING (FEET)	1000	900	800	700	600	500	400	300	200	100	50	25	10	5	2	1	0
1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
50	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
25	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
10	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

7

100

44-38861-1000

4. $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$ 5. $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

TOTAL NUMBER OF OBSERVATIONS 272

CEILING VERSUS VISIBILITY

77-5

100-2142-

TOTAL NUMBER OF OBSERVATIONS _____ 13

USAF EAC 0-18.5 POL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL CLIMATOLOGY
 METAC
 METAC

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

1000-1000

10.0	30.0	37.0	37.7	37.8	38.0	38.2	38.3	38.4	38.5	38.6	38.7	38.8	38.9	39.0	39.1	39.2	39.3	39.4	39.5	39.6	39.7	39.8	39.9	40.0
11.2	40.0	41.0	41.1	41.2	41.3	41.4	41.5	41.6	41.7	41.8	41.9	42.0	42.1	42.2	42.3	42.4	42.5	42.6	42.7	42.8	42.9	43.0	43.1	43.2
12.7	43.4	44.0	44.2	44.3	44.4	44.5	44.6	44.7	44.8	44.9	45.0	45.1	45.2	45.3	45.4	45.5	45.6	45.7	45.8	45.9	46.0	46.1	46.2	46.3
13.7	46.4	47.0	47.2	47.3	47.4	47.5	47.6	47.7	47.8	47.9	48.0	48.1	48.2	48.3	48.4	48.5	48.6	48.7	48.8	48.9	49.0	49.1	49.2	49.3
14.7	49.4	50.0	50.2	50.3	50.4	50.5	50.6	50.7	50.8	50.9	51.0	51.1	51.2	51.3	51.4	51.5	51.6	51.7	51.8	51.9	52.0	52.1	52.2	52.3
15.7	52.4	53.0	53.2	53.3	53.4	53.5	53.6	53.7	53.8	53.9	54.0	54.1	54.2	54.3	54.4	54.5	54.6	54.7	54.8	54.9	55.0	55.1	55.2	55.3
16.7	55.4	56.0	56.2	56.3	56.4	56.5	56.6	56.7	56.8	56.9	57.0	57.1	57.2	57.3	57.4	57.5	57.6	57.7	57.8	57.9	58.0	58.1	58.2	58.3
17.7	58.4	59.0	59.2	59.3	59.4	59.5	59.6	59.7	59.8	59.9	60.0	60.1	60.2	60.3	60.4	60.5	60.6	60.7	60.8	60.9	61.0	61.1	61.2	61.3
18.7	61.4	62.0	62.2	62.3	62.4	62.5	62.6	62.7	62.8	62.9	63.0	63.1	63.2	63.3	63.4	63.5	63.6	63.7	63.8	63.9	64.0	64.1	64.2	64.3
19.7	64.4	65.0	65.2	65.3	65.4	65.5	65.6	65.7	65.8	65.9	66.0	66.1	66.2	66.3	66.4	66.5	66.6	66.7	66.8	66.9	67.0	67.1	67.2	67.3
20.7	67.4	68.0	68.2	68.3	68.4	68.5	68.6	68.7	68.8	68.9	69.0	69.1	69.2	69.3	69.4	69.5	69.6	69.7	69.8	69.9	70.0	70.1	70.2	70.3
21.7	70.4	71.0	71.2	71.3	71.4	71.5	71.6	71.7	71.8	71.9	72.0	72.1	72.2	72.3	72.4	72.5	72.6	72.7	72.8	72.9	73.0	73.1	73.2	73.3
22.7	73.4	74.0	74.2	74.3	74.4	74.5	74.6	74.7	74.8	74.9	75.0	75.1	75.2	75.3	75.4	75.5	75.6	75.7	75.8	75.9	76.0	76.1	76.2	76.3
23.7	76.4	77.0	77.2	77.3	77.4	77.5	77.6	77.7	77.8	77.9	78.0	78.1	78.2	78.3	78.4	78.5	78.6	78.7	78.8	78.9	79.0	79.1	79.2	79.3
24.7	79.4	80.0	80.2	80.3	80.4	80.5	80.6	80.7	80.8	80.9	81.0	81.1	81.2	81.3	81.4	81.5	81.6	81.7	81.8	81.9	82.0	82.1	82.2	82.3
25.7	82.4	83.0	83.2	83.3	83.4	83.5	83.6	83.7	83.8	83.9	84.0	84.1	84.2	84.3	84.4	84.5	84.6	84.7	84.8	84.9	85.0	85.1	85.2	85.3
26.7	85.4	86.0	86.2	86.3	86.4	86.5	86.6	86.7	86.8	86.9	87.0	87.1	87.2	87.3	87.4	87.5	87.6	87.7	87.8	87.9	88.0	88.1	88.2	88.3
27.7	88.4	89.0	89.2	89.3	89.4	89.5	89.6	89.7	89.8	89.9	90.0	90.1	90.2	90.3	90.4	90.5	90.6	90.7	90.8	90.9	91.0	91.1	91.2	91.3
28.7	91.4	92.0	92.2	92.3	92.4	92.5	92.6	92.7	92.8	92.9	93.0	93.1	93.2	93.3	93.4	93.5	93.6	93.7	93.8	93.9	94.0	94.1	94.2	94.3
29.7	94.4	95.0	95.2	95.3	95.4	95.5	95.6	95.7	95.8	95.9	96.0	96.1	96.2	96.3	96.4	96.5	96.6	96.7	96.8	96.9	97.0	97.1	97.2	97.3
30.7	97.4	98.0	98.2	98.3	98.4	98.5	98.6	98.7	98.8	98.9	99.0	99.1	99.2	99.3	99.4	99.5	99.6	99.7	99.8	99.9	100.0	100.1	100.2	100.3

TOTAL NUMBER OF OBSERVATIONS 1000

JOINT CLIMATELOGY BRANCH
AFSTAC
AIR WEATHER SERVICE/4AC

CEILING VERSUS VISIBILITY

335 015504 AF IN

75-11

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

11-1-1961

		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
1	1.1	1.0	41.7	41.6	42.4	42.6	42.5	42.6	42.7	42.8	42.9	43.0	43.1	43.2	43.3	43.4	43.5	43.6	43.7	43.8	43.9	44.0	44.1	44.2	44.3	44.4	44.5	44.6	44.7	44.8	44.9	45.0	45.1	45.2	45.3	45.4	45.5	45.6	45.7	45.8	45.9	46.0	46.1	46.2	46.3	46.4	46.5	46.6	46.7	46.8	46.9	47.0	47.1	47.2	47.3	47.4	47.5	47.6	47.7	47.8	47.9	48.0	48.1	48.2	48.3	48.4	48.5	48.6	48.7	48.8	48.9	49.0	49.1	49.2	49.3	49.4	49.5	49.6	49.7	49.8	49.9	50.0	50.1	50.2	50.3	50.4	50.5	50.6	50.7	50.8	50.9	51.0	51.1	51.2	51.3	51.4	51.5	51.6	51.7	51.8	51.9	52.0	52.1	52.2	52.3	52.4	52.5	52.6	52.7	52.8	52.9	53.0	53.1	53.2	53.3	53.4	53.5	53.6	53.7	53.8	53.9	54.0	54.1	54.2	54.3	54.4	54.5	54.6	54.7	54.8	54.9	55.0	55.1	55.2	55.3	55.4	55.5	55.6	55.7	55.8	55.9	56.0	56.1	56.2	56.3	56.4	56.5	56.6	56.7	56.8	56.9	57.0	57.1	57.2	57.3	57.4	57.5	57.6	57.7	57.8	57.9	58.0	58.1	58.2	58.3	58.4	58.5	58.6	58.7	58.8	58.9	59.0	59.1	59.2	59.3	59.4	59.5	59.6	59.7	59.8	59.9	60.0	60.1	60.2	60.3	60.4	60.5	60.6	60.7	60.8	60.9	61.0	61.1	61.2	61.3	61.4	61.5	61.6	61.7	61.8	61.9	62.0	62.1	62.2	62.3	62.4	62.5	62.6	62.7	62.8	62.9	63.0	63.1	63.2	63.3	63.4	63.5	63.6	63.7	63.8	63.9	64.0	64.1	64.2	64.3	64.4	64.5	64.6	64.7	64.8	64.9	65.0	65.1	65.2	65.3	65.4	65.5	65.6	65.7	65.8	65.9	66.0	66.1	66.2	66.3	66.4	66.5	66.6	66.7	66.8	66.9	67.0	67.1	67.2	67.3	67.4	67.5	67.6	67.7	67.8	67.9	68.0	68.1	68.2	68.3	68.4	68.5	68.6	68.7	68.8	68.9	69.0	69.1	69.2	69.3	69.4	69.5	69.6	69.7	69.8	69.9	70.0	70.1	70.2	70.3	70.4	70.5	70.6	70.7	70.8	70.9	71.0	71.1	71.2	71.3	71.4	71.5	71.6	71.7	71.8	71.9	72.0	72.1	72.2	72.3	72.4	72.5	72.6	72.7	72.8	72.9	73.0	73.1	73.2	73.3	73.4	73.5	73.6	73.7	73.8	73.9	74.0	74.1	74.2	74.3	74.4	74.5	74.6	74.7	74.8	74.9	75.0	75.1	75.2	75.3	75.4	75.5	75.6	75.7	75.8	75.9	76.0	76.1	76.2	76.3	76.4	76.5	76.6	76.7	76.8	76.9	77.0	77.1	77.2	77.3	77.4	77.5	77.6	77.7	77.8	77.9	78.0	78.1	78.2	78.3	78.4	78.5	78.6	78.7	78.8	78.9	79.0	79.1	79.2	79.3	79.4	79.5	79.6	79.7	79.8	79.9	80.0	80.1	80.2	80.3	80.4	80.5	80.6	80.7	80.8	80.9	81.0	81.1	81.2	81.3	81.4	81.5	81.6	81.7	81.8	81.9	82.0	82.1	82.2	82.3	82.4	82.5	82.6	82.7	82.8	82.9	83.0	83.1	83.2	83.3	83.4	83.5	83.6	83.7	83.8	83.9	84.0	84.1	84.2	84.3	84.4	84.5	84.6	84.7	84.8	84.9	85.0	85.1	85.2	85.3	85.4	85.5	85.6	85.7	85.8	85.9	86.0	86.1	86.2	86.3	86.4	86.5	86.6	86.7	86.8	86.9	87.0	87.1	87.2	87.3	87.4	87.5	87.6	87.7	87.8	87.9	88.0	88.1	88.2	88.3	88.4	88.5	88.6	88.7	88.8	88.9	89.0	89.1	89.2	89.3	89.4	89.5	89.6	89.7	89.8	89.9	90.0	90.1	90.2	90.3	90.4	90.5	90.6	90.7	90.8	90.9	91.0	91.1	91.2	91.3	91.4	91.5	91.6	91.7	91.8	91.9	92.0	92.1	92.2	92.3	92.4	92.5	92.6	92.7	92.8	92.9	93.0	93.1	93.2	93.3	93.4	93.5	93.6	93.7	93.8	93.9	94.0	94.1	94.2	94.3	94.4	94.5	94.6	94.7	94.8	94.9	95.0	95.1	95.2	95.3	95.4	95.5	95.6	95.7	95.8	95.9	96.0	96.1	96.2	96.3	96.4	96.5	96.6	96.7	96.8	96.9	97.0	97.1	97.2	97.3	97.4	97.5	97.6	97.7	97.8	97.9	98.0	98.1	98.2	98.3	98.4	98.5	98.6	98.7	98.8	98.9	99.0	99.1	99.2	99.3	99.4	99.5	99.6	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

- 1 - 2 - 2 - 2 -

TOTAL NUMBER OF OBSERVATIONS.

USA: 5' 4" 3-14-5 CL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

13-57

11

TOTAL NUMBER OF OBSERVATIONS 134

U. S. AIR FORCE
 CLIMATE BRANCH
 ETAC
 WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

731 1000M APR 11

12-11

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

1000-1000

CEILING	1000	900	800	700	600	500	400	300	200	100	50	25	10	5	2	1	0
1000	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
900	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
800	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
700	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
600	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
500	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
400	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
300	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
200	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
100	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
50	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
25	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
10	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
5	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
2	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
1	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
0	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4

TOTAL NUMBER OF OBSERVATIONS 1000

CEILING VERSUS VISIBILITY

37-17

- 15 -

TOTAL NUMBER OF OBSERVATIONS _____ 22

CEILING VERSUS VISIBILITY

73-42

$$\frac{1}{2} \frac{d}{dt} \left(\frac{1}{2} \frac{d}{dt} \right) = \frac{1}{2} \frac{d}{dt} \left(\frac{1}{2} \frac{d}{dt} \right)$$

17.2	39.7	42.0	43.7	45.4	46.8	47.7	47.7	47.7	48.0	48.0	48.7	48.1	48.1	48.1
17.2	44.4	46.5	48.0	49.6	51.1	52.1	52.4	52.7	52.8	53.1	53.1	53.1	53.2	53.3
17.2	44.0	46.4	48.0	50.6	51.1	52.1	52.4	52.7	52.8	53.1	53.1	53.1	53.2	53.3
17.2	44.2	46.6	48.0	50.6	51.1	52.1	52.4	52.7	52.8	53.1	53.1	53.1	53.2	53.3
17.2	44.8	47.1	49.3	51.1	51.7	52.7	53.0	53.2	53.3	53.7	53.7	53.7	53.7	53.7
17.2	45.1	48.7	50.9	52.7	53.2	54.3	54.7	55.1	55.2	55.3	55.3	55.3	55.3	55.3
17.1	42.4	53.4	56.0	59.0	60.0	60.7	61.0	61.7	61.7	61.7	61.7	61.7	61.7	61.7
17.1	42.6	52.7	55.4	58.6	59.1	60.4	61.2	61.1	61.4	61.4	61.4	61.4	61.4	61.4
2.1	42.6	56.0	59.2	61.3	61.9	63.3	63.7	63.7	64.0	64.2	64.3	64.3	64.4	64.4
2.2	54.0	58.2	60.8	63.1	63.2	65.2	65.2	65.2	66.2	66.2	66.3	66.3	66.4	66.4
2.3	55.7	59.9	62.4	65.1	65.5	67.2	67.6	67.6	68.0	68.3	68.7	68.3	68.4	68.4
23.1	52.1	63.1	66.2	68.7	69.3	71.9	71.2	71.1	71.7	72.0	72.0	72.0	72.1	72.1
24.0	51.8	64.1	67.3	69.8	70.4	72.0	72.3	72.7	72.9	73.1	73.1	73.1	73.2	73.2
24.2	60.2	65.7	68.9	71.6	72.0	74.1	74.4	74.9	75.2	75.7	75.7	75.7	75.7	75.7
24.1	62.3	68.7	72.2	75.2	76.1	77.8	78.1	78.6	78.9	79.3	79.3	79.3	79.4	79.4
24.1	62.4	69.9	73.3	76.6	77.9	79.8	80.1	80.5	80.9	81.2	81.2	81.3	81.4	81.4
2.3	64.1	71.1	74.7	78.1	79.4	81.3	82.0	82.4	82.8	83.2	83.2	83.2	83.3	83.3
25.2	64.9	72.6	75.9	78.3	80.7	82.7	83.4	83.9	84.2	84.7	84.7	84.7	84.7	84.7
25.7	65.3	72.8	76.4	79.9	81.2	83.2	84.0	84.4	84.8	85.2	85.2	85.2	85.3	85.3
25.1	67.6	74.0	77.8	82.6	83.5	86.0	86.8	87.2	87.6	88.0	88.1	88.1	88.2	88.2
25.2	68.3	75.0	78.1	84.0	85.0	87.7	88.4	88.9	89.2	89.7	89.8	89.8	89.9	89.9
25.1	67.0	77.1	81.6	85.8	87.1	89.3	90.1	90.5	90.9	91.3	91.4	91.4	91.5	91.5
25.3	67.8	77.4	81.9	86.1	87.4	89.7	90.4	90.9	91.2	91.7	91.8	91.8	91.9	91.9
25.1	77.3	77.4	82.8	87.2	88.6	91.2	91.8	92.2	92.6	93.1	93.2	93.2	93.3	93.3
25.1	70.0	70.1	83.2	87.8	89.6	91.9	92.9	93.3	93.7	94.2	94.3	94.3	94.4	94.4
25.3	71.6	72.1	83.2	88.0	90.1	92.7	93.7	94.1	94.4	95.1	95.2	95.2	95.3	95.3
25.3	71.6	73.1	83.2	88.4	90.7	93.2	94.6	95.0	95.3	96.0	96.1	96.1	96.2	96.2
25.3	70.6	73.1	83.2	88.6	90.9	93.7	95.1	95.8	96.2	97.1	97.1	97.1	97.2	97.2
25.3	70.6	75.1	83.2	88.7	91.0	93.9	95.3	96.3	97.1	97.8	97.9	97.9	98.0	98.0
25.1	70.6	72.1												

TOTAL NUMBER OF OBSERVATIONS 920

CEILING VERSUS VISIBILITY

73-62

— 212 —

TOTAL NUMBER OF OBSERVATIONS 3000

DATE: 03/10/1981

CEILING VERSUS VISIBILITY

22-25

1111-1122

TOTAL NUMBER OF OBSERVATIONS 100

CEILING VERSUS VISIBILITY

73-50

4-2-17-

TOTAL NUMBER OF OBSERVATIONS 200

JOINT CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/AFAC

CEILING VERSUS VISIBILITY

AF 325 8 ISSUED APR 24 1964

73-87

140

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

1100-2100

CEILING	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
6	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
7	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
8	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
9	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
10	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
11	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
12	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
13	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
14	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
15	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
16	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
17	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
18	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
19	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
20	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
21	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
22	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
23	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
24	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
25	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
26	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
27	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
28	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
29	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
30	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	

TOTAL NUMBER OF OBSERVATIONS 1200

CEILING VERSUS VISIBILITY

13-02

△△△

TOTAL NUMBER OF OBSERVATIONS _____ 7,05

LOCAL CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/ETAC

CEILING VERSUS VISIBILITY

3.5 1500M AFB IN

73-22

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1-2-5500

VISIBILITY STATUTE MILES																				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	17.3	46.1	51.1	52.5	55.3	55.5	56.5	57.2	57.8	57.8	58.1	58.1	58.5	58.5	58.4	58.1	57.7	57.7	57.7	57.7
2	17.1	51.1	53.7	55.6	58.4	58.7	59.7	60.4	60.8	61.1	61.3	61.3	61.7	61.7	61.7	62.0	62.0	62.0	62.0	62.0
3	17.1	53.7	55.6	58.4	58.7	59.7	60.4	60.8	61.1	61.3	61.3	61.7	61.7	61.7	62.0	62.0	62.0	62.0	62.0	62.0
4	17.1	51.4	54.5	56.2	59.0	59.4	60.3	61.1	61.4	61.7	61.9	61.9	62.4	62.4	62.7	62.7	62.7	62.7	62.7	62.7
5	17.3	52.2	55.2	56.9	60.0	60.3	61.3	62.0	62.4	62.7	62.9	62.9	63.3	63.3	63.7	63.7	63.7	63.7	63.7	63.7
6	17.1	56.1	59.4	61.2	64.3	64.7	65.7	66.5	66.8	67.1	67.7	67.3	67.7	67.7	68.1	68.1	68.1	68.1	68.1	68.1
7	17.1	56.7	62.1	61.2	65.4	65.4	66.5	67.5	67.8	68.2	68.4	68.4	68.8	68.8	69.1	69.1	69.1	69.1	69.1	69.1
8	17.3	60.1	63.5	65.4	69.6	70.1	71.2	71.9	72.3	72.6	72.6	72.6	72.9	73.2	73.2	73.5	73.5	73.5	73.5	73.5
9	17.4	61.2	64.4	66.2	70.4	71.0	72.0	72.8	73.1	73.4	73.7	73.7	74.1	74.1	74.4	74.4	74.4	74.4	74.4	74.4
10	17.3	62.5	65.7	67.7	72.0	72.0	73.7	74.4	74.7	75.1	75.3	75.3	75.7	75.7	76.0	76.0	76.0	76.0	76.0	76.0
11	17.3	64.7	68.6	71.6	75.3	75.8	77.0	77.7	78.1	78.4	78.6	78.6	79.0	79.0	79.4	79.4	79.4	79.4	79.4	79.4
12	17.3	65.3	69.4	71.7	76.3	76.9	78.2	78.9	79.2	79.6	79.9	79.8	80.2	80.2	80.5	80.5	80.5	80.5	80.5	80.5
13	17.3	67.1	71.2	73.5	75.2	75.9	80.5	81.4	81.7	82.1	82.3	82.3	82.7	82.7	83.1	83.1	83.1	83.1	83.1	83.1
14	17.2	68.7	72.5	75.2	79.8	80.5	82.2	83.0	83.3	83.7	83.9	83.9	84.3	84.3	84.6	84.6	84.6	84.6	84.6	84.6
15	17.3	69.2	73.7	76.3	81.1	81.0	83.4	84.3	84.6	84.9	85.2	85.2	85.6	85.6	85.9	85.9	85.9	85.9	85.9	85.9
16	17.3	69.9	74.5	77.5	82.3	83.1	84.9	85.8	86.1	86.6	86.9	86.9	87.2	87.2	87.5	87.5	87.5	87.5	87.5	87.5
17	17.2	71.2	76.3	79.5	84.3	85.2	87.1	88.0	88.3	88.7	88.9	88.9	89.4	89.4	89.7	89.7	89.7	89.7	89.7	89.7
18	17.2	71.3	76.5	79.6	84.4	85.3	87.2	88.1	88.4	88.8	89.0	89.0	89.5	89.5	89.8	89.8	89.8	89.8	89.8	89.8
19	17.2	71.7	77.2	80.2	85.8	86.7	88.7	89.6	89.9	90.2	90.5	90.5	91.0	91.0	91.3	91.3	91.3	91.3	91.3	91.3
20	17.2	72.2	77.7	81.5	86.5	87.5	89.4	90.2	90.5	91.0	91.2	91.2	91.6	91.6	91.9	91.9	91.9	91.9	91.9	91.9
21	17.2	72.4	78.1	81.9	87.1	88.1	90.1	91.0	91.3	91.7	91.9	91.9	92.4	92.4	92.7	92.7	92.7	92.7	92.7	92.7
22	17.2	72.6	78.4	82.3	87.4	88.4	90.4	91.3	91.6	92.0	92.3	92.3	92.7	92.7	93.0	93.0	93.0	93.0	93.0	93.0
23	17.2	72.6	78.4	82.5	87.8	88.8	90.9	91.7	92.1	92.5	92.7	92.7	93.1	93.1	93.4	93.4	93.4	93.4	93.4	93.4
24	17.2	72.6	78.7	82.8	88.4	89.4	91.6	92.5	92.8	93.2	93.4	93.4	93.9	93.9	94.2	94.2	94.2	94.2	94.2	94.2
25	17.2	72.6	78.7	82.9	88.7	89.8	92.4	93.2	93.6	94.0	94.2	94.2	94.6	94.6	94.9	94.9	94.9	94.9	94.9	94.9
26	17.2	72.6	79.1	83.2	89.2	90.2	93.7	94.6	94.9	95.3	95.6	95.6	96.1	96.1	96.4	96.4	96.4	96.4	96.4	96.4
27	17.2	72.8	79.5	83.2	89.2	90.2	94.0	95.4	95.7	96.8	97.2	97.2	97.6	97.6	97.9	97.9	97.9	97.9	97.9	97.9
28	17.2	72.8	79.5	83.2	89.2	90.2	94.0	95.4	95.7	96.8	97.2	97.2	97.6	97.6	97.9	97.9	97.9	97.9	97.9	97.9
29	17.2	72.8	79.5	83.3	89.5	91.0	94.2	95.6	96.1	97.3	98.2	98.2	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9
30	17.2	72.8	79.5	83.3	89.5	91.0	94.2	95.6	96.1	97.3	98.2	98.2	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9

TOTAL NUMBER OF OBSERVATIONS 530

AD-A131 198 GRISSEM AFB INDIANA REVISED UNIFORM SUMMARY OF SURFACE
WEATHER OBSERVATION..(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A.. JUL 83
UNCLASSIFIED USAFETAC/DS-83/026 SBI-AD-EB50 404 F/G 4/2

GRISSEM AFB INDIANA REVISED UNIFORM SUMMARY OF SURFACE
WEATHER OBSERVATION. (U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A.. JUL 83
USAFETAC/DS-83/026 SBI-AD-E850 404 F/G 4/2

3/5

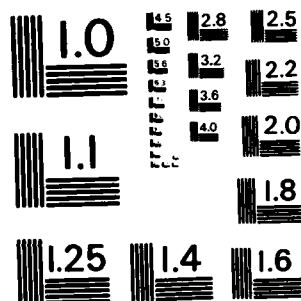
UNCLASSIFIED

USAFETAC/DS-83/026 SBI-AD-E850 404

F/G 4/2

NL

[illegible]



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

CEILING VERSUS VISIBILITY

73-82

114

▲ 4 4 4 4

TOTAL NUMBER OF OBSERVATIONS _____ 920

LOCAL CLIMATOLOGY BRANCH
AFETAC
WEATHER SERVICE, AF

CEILING VERSUS VISIBILITY

1-325 25000 AF 10

14-57

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1-325-1000

		VISIBILITY IN FEET															
		20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
1-325	25000	50.4	51.4	52.3	53.3	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
1-325	25000	52.4	54.4	56.4	57.4	57.6	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
1-325	25000	59.3	64.7	66.6	67.6	67.9	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
1-325	25000	59.6	64.7	66.6	67.6	67.9	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
1-325	25000	59.7	64.7	66.6	67.6	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
1-325	25000	61.7	65.1	68.9	71.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
1-325	25000	67.3	73.3	75.6	77.2	77.6	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
1-325	25000	63.6	74.1	76.2	78.2	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
1-325	25000	70.4	76.4	79.4	81.4	81.9	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
1-325	25000	71.6	77.7	80.7	82.8	83.2	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
1-325	25000	73.1	79.3	82.3	85.1	85.6	86.3	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
1-325	25000	75.4	81.5	85.4	88.2	88.7	89.6	90.0	90.9	91.3	91.7	91.4	91.4	91.4	91.4	91.4	91.4
1-325	25000	78.3	83.1	86.8	89.6	90.1	90.9	91.3	91.7	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
1-325	25000	77.4	84.3	88.1	91.0	91.4	92.3	92.8	92.3	92.9	92.2	92.9	92.9	92.9	92.9	92.9	92.9
1-325	25000	79.2	85.3	89.1	92.4	92.9	93.3	94.2	94.2	94.3	94.7	94.3	94.3	94.3	94.3	94.3	94.3
1-325	25000	79.1	86.2	90.0	94.0	94.4	95.4	95.2	95.2	95.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2
1-325	25000	79.3	86.6	91.3	94.3	94.6	95.8	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
1-325	25000	80.1	87.4	91.2	95.2	95.7	96.7	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
1-325	25000	80.1	87.4	91.2	95.3	95.6	96.6	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
1-325	25000	81.4	87.8	91.6	96.0	96.4	97.6	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
1-325	25000	81.6	88.7	92.2	96.4	96.9	98.0	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
1-325	25000	81.1	89.6	93.1	97.3	97.6	99.1	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
1-325	25000	81.2	89.7	93.2	97.6	98.0	99.2	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
1-325	25000	81.2	89.7	93.2	97.7	98.0	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1-325	25000	81.2	89.7	93.2	97.7	98.2	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1-325	25000	81.2	89.7	93.2	97.7	98.2	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1-325	25000	81.2	89.7	93.2	97.7	98.2	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1-325	25000	81.2	89.7	93.2	97.7	98.2	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1-325	25000	81.2	89.7	93.2	97.7	98.2	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1-325	25000	81.2	89.7	93.2	97.7	98.2	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 1000

CEILING VERSUS VISIBILITY

23-60

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1. *Staphylococcus aureus*

TOTAL NUMBER OF OBSERVATIONS

USAF F-AC 0-14.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U.S. AIR FORCE
CENTRAL CLIMATOLOGY BRANCH
ETAC
DATA - SE 100 7/40

CEILING VERSUS VISIBILITY

1337 0 25504 AF 10

77-12

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

421

CEILING	1000	900	800	700	600	500	400	300	200	100	50	25	10	5	2	1	0
1000	51.2	53.4	55.6	57.0	57.5	7.6	57.7	57.9	57.9	57.4	57.1	57.4	57.1	57.1	57.1	57.1	57.1
900	51.2	57.2	60.4	62.3	63.0	64.2	64.2	64.2	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
800	1.1	51.3	61.6	62.5	64.1	64.4	64.7	64.8	64.7	64.9	65.7	65.7	65.7	65.7	65.7	65.7	65.7
700	1.2	51.4	62.7	62.8	64.2	64.2	64.3	64.2	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
600	1.2	57.1	61.2	63.2	64.8	65.1	65.3	65.5	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
500	1.1	58.1	62.1	64.7	64.4	65.7	67.5	67.2	67.2	67.3	67.7	67.1	67.1	67.1	67.1	67.1	67.1
400	1.3	63.1	67.7	71.2	72.2	71.3	72.5	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
300	3.2	64.2	68.2	71.2	72.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
200	13.1	66.3	71.1	74.1	73.4	76.8	77.7	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
100	34.1	67.7	72.2	75.2	77.8	76.2	78.7	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
50	34.7	69.9	73.5	76.5	79.3	79.8	80.3	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
25	41.2	71.2	75.1	79.1	82.5	82.9	83.5	83.6	83.6	84.1	84.0	84.0	84.0	84.0	84.0	84.0	84.0
10	51.5	72.1	77.1	81.0	81.7	84.1	84.8	85.1	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
5	12.1	74.2	80.1	81.2	87.3	87.2	88.5	88.5	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
2	31.5	76.5	82.1	85.1	87.7	90.3	91.1	91.4	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
1	31.1	77.9	83.7	87.2	91.7	92.1	93.2	93.5	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
0	31.3	78.6	84.5	87.3	92.7	95.3	94.2	94.5	94.5	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9
1000	37.4	79.2	85.3	89.7	93.7	94.1	95.2	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
900	37.4	79.2	85.3	89.7	93.8	94.4	95.3	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
800	37.5	79.7	85.9	90.5	94.6	95.1	96.3	96.7	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
700	37.5	79.8	86.0	90.1	95.1	95.9	96.9	97.3	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
600	37.6	80.2	86.4	91.2	95.6	96.1	97.4	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
500	37.6	80.0	86.4	91.2	95.7	96.5	97.6	97.9	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
400	37.6	80.1	86.5	91.4	95.9	96.7	97.6	98.2	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
300	37.6	80.1	86.5	91.4	96.0	96.8	98.0	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
200	37.9	80.3	86.7	91.6	96.4	97.2	98.4	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
100	37.9	80.3	86.7	91.7	96.5	97.4	98.5	99.1	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
50	37.9	80.3	86.8	91.7	96.5	97.4	98.7	99.1	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
25	37.6	80.3	86.8	91.8	96.6	97.5	98.7	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
10	37.6	80.3	86.8	91.8	96.6	97.5	98.7	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
5	37.6	80.3	86.8	91.8	96.6	97.5	98.7	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
2	37.6	80.3	86.8	91.8	96.6	97.5	98.7	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
1	37.6	80.3	86.8	91.8	96.6	97.5	98.7	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 2,000

JOINT AL CLIMATOLOGY BRANCH
AFETAC
A. WEATHER SERVICE/AFAC

CEILING VERSUS VISIBILITY

172-335 6 15304 AFB IN

17-62

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1537-0000

		VISIBILITY IN STATUTE MILES															
		20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5
100	100	47.5	57.5	54.3	63.3	64.6	68.9	67.6	67.1	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
90	90	49.7	58.7	61.6	67.2	68.0	71.7	71.7	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
80	80	49.7	58.7	61.6	67.2	68.0	71.7	71.7	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
70	70	50.1	58.7	62.4	68.0	69.0	71.7	72.5	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
60	60	51.1	58.7	64.2	69.8	71.5	73.7	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
50	50	55.5	62.6	64.4	74.7	76.8	76.9	79.8	79.8	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
40	40	55.5	63.0	64.4	75.2	77.2	78.4	81.2	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
30	30	56.1	64.1	70.4	77.2	79.2	81.4	82.4	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
20	20	56.7	64.3	71.6	77.8	79.9	82.0	83.0	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
10	10	57.2	64.4	71.2	79.6	80.6	82.8	83.8	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
0	0	58.2	66.5	72.9	81.5	83.5	85.5	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
90	90	58.2	66.5	72.9	81.6	83.8	86.2	87.5	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
80	80	58.9	67.3	74.7	83.1	85.3	88.2	89.5	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
70	70	58.9	67.9	74.7	83.9	86.0	89.2	90.5	90.5	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
60	60	60.2	67.0	76.1	85.5	87.7	91.3	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
50	50	60.5	69.2	78.3	85.8	88.1	91.6	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
40	40	60.8	69.5	76.6	86.0	88.4	92.0	93.3	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
30	30	60.8	69.5	76.6	86.0	88.4	92.2	93.4	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
20	20	60.9	69.6	76.7	86.1	88.6	92.4	93.7	93.7	93.9	93.9	93.9	93.9	93.9	94.0	94.0	94.0
10	10	61.2	70.1	77.2	86.7	89.2	93.0	94.3	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
0	0	61.6	72.5	77.7	87.3	89.9	94.1	95.3	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
90	90	61.6	72.5	77.8	87.4	90.0	94.1	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
80	80	61.8	73.0	78.4	88.1	90.6	94.8	96.2	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
70	70	61.8	73.0	78.4	88.5	91.1	95.6	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
60	60	61.8	73.0	78.4	88.6	91.3	95.8	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
50	50	61.8	73.0	78.5	88.9	91.6	96.3	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
40	40	61.8	73.0	78.5	89.2	92.2	96.7	98.4	98.4	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
30	30	61.8	73.0	78.5	89.2	92.2	96.7	98.4	98.4	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
20	20	61.8	73.0	78.5	89.2	92.2	96.7	98.4	98.4	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
10	10	61.8	73.0	78.5	89.2	92.2	96.7	98.4	98.4	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
0	0	61.8	73.0	78.5	89.2	92.2	96.7	98.4	98.4	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0

TOTAL NUMBER OF OBSERVATIONS

U.S. AIR FORCE
HEADQUARTERS
AIR WEATHER SERVICE

CEILING VERSUS VISIBILITY

1333-101
STATION NAME
UNION AFB TX

13-57

13-57

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

13-57

CEILING	1000	900	800	700	600	500	400	300	200	100	50	25	10	5	2	1	0
1000	17.3	38.1	41.1	45.8	52.0	57.2	59.7	61.5	61.1	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5
900	17.3	37.2	43.1	48.5	55.7	60.8	63.5	66.2	66.0	67.2	67.3	67.2	67.3	67.3	67.3	67.3	67.3
800	17.3	37.2	43.1	48.5	55.7	60.8	63.5	66.2	66.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3
700	17.3	37.2	43.1	48.5	55.7	60.8	63.5	66.2	66.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3
600	17.3	37.4	43.2	48.3	55.0	61.2	64.0	67.0	67.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1
500	17.5	38.3	44.1	50.3	57.7	63.1	68.1	69.2	69.2	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4
400	17.5	41.2	47.4	53.5	61.6	67.1	70.1	73.4	73.4	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8
300	17.9	42.0	48.4	54.6	63.1	68.8	71.6	74.9	74.9	76.1	76.2	76.3	76.3	76.3	76.3	76.3	76.3
200	17.9	43.2	49.6	56.2	65.1	70.8	73.9	77.4	77.4	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9
100	17.9	43.4	49.9	56.7	65.6	71.5	74.7	78.4	78.6	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1
50	17.9	43.8	50.3	57.1	66.3	72.1	75.3	78.9	79.1	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6
25	17.9	44.4	51.1	57.7	67.7	73.7	77.0	80.6	80.9	82.3	82.6	82.8	82.8	82.8	82.8	82.8	82.8
10	17.7	44.3	51.3	58.3	68.3	74.2	77.5	81.2	81.4	82.9	83.1	83.3	83.3	83.4	83.4	83.4	83.4
5	17.7	45.7	52.6	60.1	70.2	76.5	79.9	83.8	84.7	85.8	86.1	86.3	86.3	86.5	86.5	86.5	86.5
2	17.7	46.1	53.1	60.8	71.0	77.2	80.8	84.6	85.2	86.7	87.0	87.2	87.2	87.3	87.3	87.3	87.3
1	17.1	47.2	54.5	62.4	73.0	79.4	83.1	87.2	87.7	89.4	89.7	89.9	89.9	90.0	90.0	90.0	90.0
0	20.1	47.5	55.1	63.2	73.9	80.3	84.1	88.3	88.9	90.4	90.8	91.0	91.0	91.1	91.1	91.1	91.1
1000	20.1	47.8	55.5	63.8	74.9	81.4	85.3	89.5	90.1	91.6	91.9	92.2	92.2	92.3	92.3	92.3	92.3
900	20.1	47.8	55.6	63.9	75.1	81.5	85.4	89.7	90.2	91.8	92.0	92.4	92.4	92.5	92.5	92.5	92.5
800	20.1	47.8	55.7	64.0	75.3	81.6	85.5	90.1	90.5	92.5	92.8	93.0	93.0	93.1	93.1	93.1	93.1
700	20.3	47.4	55.5	64.7	76.0	82.0	86.6	90.5	91.7	93.3	93.5	94.0	94.0	94.1	94.1	94.1	94.1
600	20.3	47.5	56.6	64.8	76.2	82.8	86.8	91.2	92.0	93.8	94.2	94.4	94.4	94.5	94.5	94.5	94.5
500	20.3	47.6	56.9	65.2	76.7	83.3	87.3	91.7	92.6	94.3	94.7	94.9	94.9	95.1	95.1	95.1	95.1
400	20.3	47.9	57.0	65.3	77.1	83.9	88.0	92.4	93.2	94.9	95.4	95.6	95.6	95.7	95.7	95.7	95.7
300	20.5	47.1	57.2	65.0	77.5	84.3	88.7	93.1	94.0	95.9	96.3	96.6	96.6	96.7	96.7	96.7	96.7
200	20.3	47.1	57.2	65.8	77.8	84.7	89.4	93.5	94.7	96.7	97.1	97.3	97.3	97.4	97.4	97.4	97.4
100	20.3	47.1	57.3	66.0	78.1	85.1	89.9	94.6	95.5	97.4	98.0	98.2	98.2	98.3	98.3	98.3	98.3
50	20.3	47.1	57.3	66.0	78.3	85.3	90.1	94.8	95.7	97.8	98.6	98.8	98.8	98.9	98.9	98.9	98.9
25	20.3	47.1	57.7	66.0	78.3	85.3	90.3	95.1	96.1	98.1	98.8	99.0	99.1	99.4	99.6	99.6	99.6
10	20.3	47.1	57.7	66.0	78.3	85.3	90.3	95.1	96.2	98.2	98.9	99.1	99.4	99.8	100.0	100.0	100.0
5	20.3	47.1	57.7	66.0	78.3	85.3	90.3	95.1	96.2	98.2	98.9	99.1	99.4	99.8	100.0	100.0	100.0
2	20.3	47.1	57.7	66.0	78.3	85.3	90.3	95.1	96.2	98.2	98.9	99.1	99.4	99.8	100.0	100.0	100.0
1	20.3	47.1	57.7	66.0	78.3	85.3	90.3	95.1	96.2	98.2	98.9	99.1	99.4	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

13-57

U.S. AIR FORCE CLIMATE DIVISION
AFMPC
WEATHER SERVICE/AFAC

CEILING VERSUS VISIBILITY

76 0 10000 AF 10

76-10

400

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

11-1-1961

WIND DIRECTION (DEGREES)															
0	15	30	45	60	75	90	105	120	135	150	165	180	195	210	225
24.2	52.4	55.7	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
25.1	57.4	61.7	63.2	65.5	65.5	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
25.7	57.4	61.7	63.9	65.5	65.5	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
26.1	57.5	61.4	64.1	65.7	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
26.1	58.5	62.4	65.6	67.2	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
26.2	57.4	63.7	65.9	67.5	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
26.1	61.4	66.5	69.9	71.9	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
26.2	61.7	66.1	70.2	72.3	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
27.2	62.7	65.7	70.8	74.8	74.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
27.4	64.2	7.1	74.1	77.1	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
27.5	64.8	7.1	74.6	76.9	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
27.3	65.6	72.1	76.7	78.9	78.9	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
27.5	65.9	72.6	77.5	79.2	79.2	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
27.5	6.8	74.1	75.2	81.6	81.6	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
27.1	71.5	77.1	87.6	95.3	95.3	95.8	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
27.5	74.1	81.1	86.3	89.4	89.4	90.1	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5
27.5	74.7	82.2	87.5	91.6	91.6	91.4	91.7	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9
27.4	75.4	87.1	88.5	92.2	92.4	93.7	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5
27.3	75.4	87.1	88.6	92.3	92.5	93.1	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
27.9	76.1	84.5	91.2	94.7	94.2	95.1	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
27.7	76.3	84.7	91.2	95.7	95.9	96.8	97.1	97.7	97.5	97.5	97.5	97.5	97.5	97.5	97.5
27.9	76.6	85.7	91.8	96.3	96.6	97.6	98.1	98.7	98.4	98.4	98.4	98.4	98.4	98.4	98.4
27.9	76.7	85.8	92.5	96.7	97.1	98.7	98.3	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7
27.9	76.9	86.2	92.7	97.4	97.6	98.7	99.0	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
27.9	76.9	86.1	92.7	97.4	97.8	98.7	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
27.9	76.9	86.1	92.8	97.5	98.1	98.9	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
27.9	76.9	86.1	92.8	97.5	98.1	98.9	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
27.9	76.9	86.1	92.8	97.5	98.1	98.9	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
27.9	76.9	86.1	92.8	97.5	98.1	98.9	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 172

CEILING VERSUS VISIBILITY

13-2

100-111-1

TOTAL NUMBER OF OBSERVATIONS 13

ALTIMETER
AFATAC
WEATHER SERVICE/NAO

CEILING VERSUS VISIBILITY

335 0 1000 AFB 11

73-37

110-0000

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

CEILING	1000	900	800	700	600	500	400	300	200	100	50	25	10	5	2	1	0
1000	1.4	68.1	51.7	61.9	67.2	3.3	3.7	3.7	63.7	63.3	3.7	63.3	13.3	13.7	7.7	3.3	
900	22.4	62.4	61.7	71.5	73.9	74.2	74.8	74.8	74.9	74.9	74.2	74.8	74.2	74.2	74.9	74.2	
800	26.7	62.7	69.7	72.3	74.2	74.5	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	
700	29.7	61.7	69.7	72.2	74.2	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	
600	27.5	63.7	72.7	74.1	76.2	76.3	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	
500	27.7	64.9	71.7	75.5	77.5	77.8	78.2	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	
400	28.5	65.7	72.9	76.4	78.8	81.1	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	
300	28.5	66.3	74.3	78.6	81.2	81.5	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	
200	28.3	67.7	75.4	81.2	82.8	83.2	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	
100	28.7	68.4	76.2	80.7	83.4	83.9	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	
50	28.7	69.2	77.7	82.2	84.7	85.2	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	
25	28.3	69.8	78.2	83.2	86.5	87.6	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	
10	28.1	70.5	79.7	84.1	87.3	87.8	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	
5	28.1	74.8	82.8	88.1	91.6	92.4	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	
2	31.1	74.8	83.7	89.8	92.5	93.2	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	
1	31.7	76.1	84.9	90.5	94.6	95.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	
0	31.2	78.7	87.5	91.4	95.2	96.2	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	
1000	31.2	76.8	85.7	91.5	96.5	97.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	
900	31.2	78.3	85.7	91.5	96.5	97.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	
800	31.2	76.9	85.7	91.3	96.7	97.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	
700	31.3	77.3	86.1	91.7	97.1	98.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	
600	31.3	77.0	86.7	92.2	97.5	98.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
500	31.3	77.0	86.7	92.2	97.5	98.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
400	31.3	77.0	86.7	92.2	97.5	98.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
300	31.3	77.0	86.7	92.2	97.5	98.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
200	31.3	77.0	86.7	92.2	97.5	98.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
100	31.3	77.0	86.7	92.2	97.5	98.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
50	31.3	77.0	86.7	92.2	97.5	98.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
25	31.3	77.0	86.7	92.2	97.5	98.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
10	31.3	77.0	86.7	92.2	97.5	98.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
5	31.3	77.0	86.7	92.2	97.5	98.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
2	31.3	77.0	86.7	92.2	97.5	98.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
1	31.3	77.0	86.7	92.2	97.5	98.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
0	31.3	77.0	86.7	92.2	97.5	98.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	

TOTAL NUMBER OF OBSERVATIONS

1. AL CLIMATOLOGY STATION
 2. ETAC
 3. FATHER SERVICE AC

CEILING VERSUS VISIBILITY

3. STATION AFB TX
 4. STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

100-1000

CEILING	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000
100	3.3	5.1	61.7	64.1	67.1	67.8	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
150	1.1	1.1	68.7	71.5	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
200	3.3	61.7	68.4	70.8	74.1	75.5	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
250	3.3	61.7	68.4	71.5	74.1	75.5	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
300	3.3	61.7	68.4	71.5	74.1	75.5	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
350	3.3	61.7	68.4	71.5	74.1	75.5	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
400	3.3	61.7	68.4	71.5	74.1	75.5	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
450	3.3	61.7	68.4	71.5	74.1	75.5	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
500	3.3	61.7	68.4	71.5	74.1	75.5	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
550	3.3	61.7	68.4	71.5	74.1	75.5	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
600	3.3	61.7	68.4	71.5	74.1	75.5	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
650	3.3	61.7	68.4	71.5	74.1	75.5	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
700	3.3	61.7	68.4	71.5	74.1	75.5	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
750	3.3	61.7	68.4	71.5	74.1	75.5	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
800	3.3	61.7	68.4	71.5	74.1	75.5	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
850	3.3	61.7	68.4	71.5	74.1	75.5	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
900	3.3	61.7	68.4	71.5	74.1	75.5	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
950	3.3	61.7	68.4	71.5	74.1	75.5	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
1000	3.3	61.7	68.4	71.5	74.1	75.5	75.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1

TOTAL NUMBER OF OBSERVATIONS 97

1. AL CLIMATOLOGY BRANCH
2. ETAC
3. FATHER SERVICE/NAO

CEILING VERSUS VISIBILITY

73-27 0 1950M 450 IN

73-27

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

CEILING	100	90	80	70	60	50	40	30	20	10	0
100	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
90	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
80	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
70	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
60	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
50	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
40	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
30	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
20	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
10	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
100	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
90	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
80	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
70	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
60	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
50	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
40	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
30	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
20	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
10	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
100	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
90	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
80	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
70	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
60	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
50	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
40	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
30	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
20	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
10	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
100	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
90	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
80	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
70	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
60	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
50	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
40	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
30	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
20	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
10	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1

TOTAL NUMBER OF OBSERVATIONS 744

U.S. AIR FORCE
METAC
AIR WEATHER SERVICE/AFAC

CEILING VERSUS VISIBILITY

AF 325 5-1000M AFAC 73-62

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

1000-1000

CEILING	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
100	2.2	4.1	5.7	7.3	8.8	10.4	11.9	13.4	14.9	16.5	18.0	19.5	21.0	22.5	24.0	25.5	27.0
150	1.8	3.6	5.2	6.8	8.4	10.0	11.6	13.2	14.8	16.4	18.0	19.6	21.2	22.8	24.4	26.0	27.6
200	1.3	2.6	3.9	5.2	6.5	7.8	9.1	10.4	11.7	13.0	14.3	15.6	16.9	18.2	19.5	20.8	22.1
250	0.9	1.8	2.7	3.6	4.5	5.4	6.3	7.2	8.1	9.0	9.9	10.8	11.7	12.6	13.5	14.4	15.3
300	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.3	7.0	7.7	8.4	9.1	9.8	10.5	11.2	11.9
350	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5
400	0.4	0.8	1.2	1.6	2.0	2.4	2.8	3.2	3.6	4.0	4.4	4.8	5.2	5.6	6.0	6.4	6.8
450	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.0	3.3	3.6	3.9	4.2	4.5	4.8	5.1
500	0.2	0.4	0.6	0.8	1.0	1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	3.0	3.2	3.4
550	0.1	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8
600	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7
650	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7
700	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7
750	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7
800	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7
850	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7
900	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7
950	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7
1000	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7

TOTAL NUMBER OF OBSERVATIONS 1000

U. S. AIR FORCE
 AIRCRAFT
 AIRCRAFT SERVICE

CEILING VERSUS VISIBILITY

235 23500 AF 2 IN

13-20

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

241

1.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0	45.0	46.0	47.0	48.0	49.0	50.0	51.0	52.0	53.0	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0	90.0	91.0	92.0	93.0	94.0	95.0	96.0	97.0	98.0	99.0	100.0
1.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0	19.0	20.0	21.0	22.0	23.0	24.0	25.0	26.0	27.0	28.0	29.0	30.0	31.0	32.0	33.0	34.0	35.0	36.0	37.0	38.0	39.0	40.0	41.0	42.0	43.0	44.0	45.0	46.0	47.0	48.0	49.0	50.0	51.0	52.0	53.0	54.0	55.0	56.0	57.0	58.0	59.0	60.0	61.0	62.0	63.0	64.0	65.0	66.0	67.0	68.0	69.0	70.0	71.0	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0	80.0	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0	90.0	91.0	92.0	93.0	94.0	95.0	96.0	97.0	98.0	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 241

1
FEDERAL BUREAU OF SURVEY
METAC
WEATHER STATION

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

12-5

1.0	40.0	51.4	60.0	67.0	71.1	72.3	72.7	73.0	73.3	73.4	73.7	73.7	73.8	74.1	74.2
2.0	42.0	53.0	59.0	63.8	64.7	65.0	66.3	66.4	67.0	67.0	67.3	67.4	67.5	67.9	68.0
3.0	47.0	57.0	60.0	63.8	64.7	65.0	66.3	66.4	67.0	67.0	67.3	67.4	67.5	67.9	68.0
4.0	48.0	54.0	57.0	63.8	64.1	65.0	66.3	66.7	66.8	67.3	67.5	67.7	67.8	68.2	68.3
5.0	40.0	54.0	60.0	64.0	65.7	66.7	67.0	67.3	67.4	68.0	68.0	68.3	68.4	68.6	68.9
6.0	48.0	55.0	60.0	65.7	66.0	66.0	66.3	66.4	66.8	69.0	69.0	69.0	69.4	69.6	69.9
7.0	50.0	57.4	63.2	67.3	69.2	70.4	71.1	71.2	71.9	72.0	72.1	72.2	72.3	72.7	73.0
8.0	51.0	57.0	63.0	68.0	69.7	71.2	71.4	71.7	72.2	72.4	72.4	72.7	72.8	73.1	73.2
9.0	52.0	60.1	66.0	71.7	72.0	74.1	74.4	74.5	75.1	75.3	75.4	75.6	75.7	76.0	76.1
10.0	54.1	61.2	67.2	72.9	73.8	75.2	75.7	75.8	76.3	76.6	76.7	76.8	76.9	77.2	77.3
11.0	55.1	62.4	68.4	74.2	75.1	76.8	77.1	77.2	77.4	78.1	78.2	78.3	78.4	78.7	78.8
12.0	56.7	64.7	71.1	77.1	78.0	79.7	80.1	80.2	80.9	81.1	81.2	81.3	81.4	81.6	81.8
13.0	57.1	65.1	71.7	77.7	78.0	80.0	80.0	80.9	81.6	81.8	81.9	82.0	82.1	82.4	82.5
14.0	58.0	65.1	72.7	79.0	79.5	81.6	82.1	82.2	82.9	83.1	83.2	83.3	83.4	83.8	83.9
15.0	57.3	67.8	74.3	80.8	81.7	83.3	84.0	84.1	84.3	85.0	85.1	85.2	85.3	85.7	85.8
16.0	61.2	69.7	76.7	83.3	84.3	86.0	86.7	86.9	87.6	87.8	87.9	88.0	88.1	88.4	88.6
17.0	61.6	70.0	77.4	84.6	85.0	87.2	87.3	88.1	88.9	89.0	89.1	89.2	89.3	89.7	89.8
18.0	61.6	71.4	77.2	85.1	86.1	87.8	88.4	88.7	89.3	89.6	89.7	89.8	89.9	90.2	90.3
19.0	61.7	72.0	78.0	85.2	86.2	88.0	88.7	88.9	89.6	89.8	89.9	90.0	90.1	90.4	90.5
20.0	61.4	72.5	78.2	85.2	86.2	88.6	89.3	89.5	90.3	90.7	90.8	90.9	91.0	91.3	91.4
21.0	62.1	71.7	78.7	85.3	87.3	89.1	89.9	90.1	90.9	91.2	91.3	91.4	91.5	91.8	91.9
22.0	62.4	71.5	79.0	85.8	87.8	89.0	90.1	90.5	91.3	91.7	91.8	91.9	92.0	92.3	92.4
23.0	62.7	71.8	79.2	87.0	88.0	89.8	90.6	90.8	91.6	91.9	92.0	92.1	92.2	92.5	92.6
24.0	62.7	71.0	79.3	87.3	88.3	90.1	90.9	91.1	91.9	92.2	92.3	92.4	92.5	92.8	92.9
25.0	62.7	70.1	79.6	87.7	88.7	90.6	91.3	91.5	92.3	92.7	92.8	92.9	93.0	93.3	93.4
26.0	62.2	72.2	80.3	88.4	89.8	91.2	92.7	92.9	93.7	94.0	94.1	94.2	94.3	94.7	94.8
27.0	63.7	73.0	80.4	88.6	90.7	92.0	93.4	93.7	94.4	94.8	94.9	95.0	95.1	95.4	95.5
28.0	63.6	73.2	80.7	89.1	91.0	93.0	94.0	94.2	95.0	95.3	95.4	95.7	95.8	96.1	96.2
29.0	63.6	73.4	80.9	89.3	91.2	93.6	94.8	95.3	96.4	96.9	97.1	97.3	97.4	97.6	97.7
30.0	63.3	73.4	80.9	89.6	91.4	93.9	95.7	96.2	97.3	97.9	98.2	98.4	98.7	99.0	99.1
31.0	63.4	73.4	80.6	89.6	91.4	93.9	95.7	96.2	97.3	97.9	98.2	98.4	98.7	99.0	99.1
32.0	63.3	73.4	80.9	89.6	91.4	93.9	95.7	96.2	97.3	97.8	98.2	98.6	98.9	99.2	99.3

TOTAL NUMBER OF OBSERVATIONS

1. CLIMATE DIVISION
2. DATE
3. NAME AND ADDRESS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

10.4	40.3	44.7	51.3	57.4	63.7	64.9	65.6	67.1	68.7	69.7	69.7	69.7	69.7	69.7	69.7
11.1	41.2	49.2	54.2	57.7	59.2	60.3	61.2	61.2	61.1	61.1	61.1	61.1	61.1	61.1	61.1
11.1	41.2	50.7	55.3	57.6	59.3	60.4	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2
11.1	41.2	50.2	55.2	58.3	59.2	60.7	61.3	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4
11.3	41.4	50.4	55.4	58.2	59.2	61.0	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
11.2	47.1	51.1	55.4	59.4	61.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
11.3	49.9	54.3	57.3	57.4	59.1	60.2	60.9	65.7	67.1	67.7	67.7	67.7	67.7	67.7	67.7
12.2	50.4	54.2	58.7	64.2	61.3	67.1	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
12.7	52.6	57.7	63.4	66.6	66.6	69.8	70.4	71.4	71.7	71.7	71.7	71.7	71.7	71.7	71.7
11.1	52.2	57.2	64.1	67.6	69.2	70.4	71.1	71.1	71.3	71.4	71.4	71.4	71.4	71.4	71.4
11.1	52.2	57.1	64.7	68.1	69.6	71.0	71.7	71.7	71.9	72.7	72.7	72.7	72.7	72.7	72.7
11.2	54.4	57.2	60.5	71.3	72.2	72.4	74.1	74.1	74.2	74.7	74.7	74.7	74.7	74.7	74.7
12.7	55.0	60.2	67.2	71.1	73.1	74.2	74.9	74.9	75.1	75.4	75.4	75.4	75.4	75.4	75.4
12.2	55.3	62.2	66.1	72.1	74.2	74.2	76.1	76.1	76.2	76.7	76.7	76.7	76.7	76.7	76.7
12.2	55.7	61.5	67.0	72.9	74.9	76.1	77.1	77.1	77.3	77.7	77.7	77.7	77.7	77.7	77.7
12.1	55.2	64.5	72.4	77.2	79.2	81.2	82.3	82.4	82.7	83.1	83.1	83.1	83.1	83.1	83.1
21.2	55.7	65.9	74.0	78.9	80.9	82.0	84.1	84.1	84.3	84.8	84.8	84.8	84.8	84.8	84.8
23.2	60.4	66.1	74.9	82.1	84.4	85.4	85.7	85.9	86.3	86.3	86.3	86.3	86.3	86.3	86.3
23.1	61.7	67.7	75.2	81.4	82.9	84.7	86.0	86.1	86.2	86.7	86.7	86.7	86.7	86.7	86.7
23.2	61.7	68.1	76.6	81.9	84.2	85.4	87.6	87.7	87.9	88.3	88.3	88.3	88.3	88.3	88.3
24.0	63.1	69.7	77.9	83.3	85.2	86.1	88.1	89.2	89.4	89.7	89.7	89.7	89.7	89.7	89.7
24.1	63.2	69.2	78.2	84.4	87.1	89.3	90.7	90.8	91.1	91.7	91.7	91.7	91.7	91.7	91.7
24.1	63.7	70.1	79.0	84.8	87.3	89.7	91.1	91.7	91.4	92.1	92.1	92.1	92.1	92.1	92.1
24.1	63.7	72.1	79.9	85.0	86.7	91.1	92.2	92.7	92.9	93.6	93.6	93.6	93.6	93.6	93.6
24.1	64.0	71.1	80.3	85.8	89.6	93.1	93.7	93.8	94.0	94.7	94.7	94.7	94.7	94.7	94.7
24.1	64.1	71.1	80.3	87.1	91.1	93.1	94.2	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1
24.1	64.1	71.7	81.6	87.2	90.9	94.1	96.0	96.1	96.3	97.1	97.1	97.1	97.1	97.1	97.1
24.1	64.1	71.7	81.7	87.4	91.3	94.2	97.1	97.1	97.4	98.2	98.2	98.2	98.2	98.2	98.2
24.1	64.2	71.4	82.3	87.6	91.6	95.1	97.3	97.3	97.9	99.1	99.1	99.1	99.1	99.1	99.1
24.1	64.2	71.4	82.3	87.6	91.6	95.1	97.3	97.6	98.0	99.1	99.1	99.1	99.1	99.1	99.1
24.1	64.2	71.4	81.8	87.6	91.6	95.1	97.3	97.6	98.0	99.2	99.2	99.2	99.2	99.2	99.2
24.1	64.2	71.4	81.8	87.6	91.6	95.1	97.3	97.6	98.1	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS _____

CEILING VERSUS VISIBILITY

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- 100 -

TOTAL NUMBER OF OBSERVATIONS 350

UNSAFE FACTORS: 0.145 OL A PREVIOUS FORMS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

13-2

ALL

TOTAL NUMBER OF OBSERVATIONS 2000

USA: F-4C 2-14-5 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

443

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TOTAL NUMBER OF OBSERVATIONS 47

AL CLIMATELOGY BRANCH
 AFMSTAC
 FATHER SEA 110/11AC

CEILING VERSUS VISIBILITY

720 011000N APR 19 73-02

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

110-110

CEILING	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
10	13.0	13.4	54.4	57.5	58.7	78.6	88.7	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
15	34.1	52.8	57.1	58.1	61.4	61.2	61.4	61.7	61.8	61.9	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
20	14.1	52.8	57.1	58.1	61.4	61.3	61.4	61.7	61.8	61.9	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
25	34.1	52.8	57.1	58.1	61.4	61.3	61.4	61.7	61.8	61.9	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
30	34.1	52.8	57.1	58.1	61.4	61.3	61.4	61.7	61.8	61.9	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
35	34.1	52.8	57.1	58.1	61.4	61.3	61.4	61.7	61.8	61.9	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
40	34.1	52.8	57.1	58.1	61.4	61.3	61.4	61.7	61.8	61.9	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
45	34.1	52.8	57.1	58.1	61.4	61.3	61.4	61.7	61.8	61.9	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
50	34.1	52.8	57.1	58.1	61.4	61.3	61.4	61.7	61.8	61.9	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
55	34.1	52.8	57.1	58.1	61.4	61.3	61.4	61.7	61.8	61.9	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
60	34.1	52.8	57.1	58.1	61.4	61.3	61.4	61.7	61.8	61.9	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
65	34.1	52.8	57.1	58.1	61.4	61.3	61.4	61.7	61.8	61.9	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
70	34.1	52.8	57.1	58.1	61.4	61.3	61.4	61.7	61.8	61.9	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
75	34.1	52.8	57.1	58.1	61.4	61.3	61.4	61.7	61.8	61.9	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
80	34.1	52.8	57.1	58.1	61.4	61.3	61.4	61.7	61.8	61.9	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
85	34.1	52.8	57.1	58.1	61.4	61.3	61.4	61.7	61.8	61.9	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
90	34.1	52.8	57.1	58.1	61.4	61.3	61.4	61.7	61.8	61.9	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
95	34.1	52.8	57.1	58.1	61.4	61.3	61.4	61.7	61.8	61.9	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
100	34.1	52.8	57.1	58.1	61.4	61.3	61.4	61.7	61.8	61.9	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2

TOTAL NUMBER OF OBSERVATIONS 720

USAF ETAC 0-14-5 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

13-22

— 44 —

TOTAL NUMBER OF OBSERVATIONS 131

USAF F-4A 0-145101A previous edition of this manual is obsolete

CEILING VERSUS VISIBILITY

72-10

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— 22 —

TOTAL NUMBER OF OBSERVATIONS _____

SAF FIA 7-14-5 CL A previous for 4-11-54 New APR 1955-47

CEILING VERSUS VISIBILITY

1. *Chlorophyll a* (Chl *a*)

100

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 84

TOTAL NUMBER OF OBSERVATIONS 1

USAF F-1A 0-14.5 POLA PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U.S. AIR FORCE
 METEOROLOGICAL SERVICE
 WASHINGTON, D.C. 20330

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM HOURLY OBSERVATIONS

| CEILING | 4000 | 3000 | 2000 | 1000 | 500 | 200 | 100 | 50 | 20 | 10 | 5 | 2 | 1 | 0 |
|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 4000 | 49.5 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| 3000 | 52.2 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 |
| 2000 | 55.2 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 |
| 1000 | 58.6 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 |
| 500 | 61.8 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 |
| 200 | 65.2 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 |
| 100 | 68.7 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 |
| 50 | 72.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 |
| 20 | 76.9 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 |
| 10 | 81.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| 5 | 87.4 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| 2 | 92.9 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| 1 | 98.4 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS _____

U.S. AIR FORCE
METEOROLOGICAL SERVICE
WATERGATE

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

| CEILING | 100 | 90 | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 | 0 |
|---------|------|------|------|------|------|------|------|------|------|------|------|
| 100 | 23.7 | 27.7 | 41.4 | 42.1 | 47.1 | 43.3 | 43.7 | 47.7 | 43.1 | 47.7 | 43.1 |
| 90 | 20.1 | 37.7 | 47.7 | 44.3 | 47.4 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 |
| 80 | 20.1 | 37.7 | 47.7 | 44.4 | 47.6 | 43.3 | 43.1 | 42.1 | 47.1 | 42.1 | 42.1 |
| 70 | 20.4 | 40.0 | 44.1 | 44.0 | 47.6 | 40.1 | 40.4 | 40.4 | 40.4 | 40.4 | 40.4 |
| 60 | 20.4 | 40.0 | 44.1 | 44.1 | 47.4 | 42.7 | 47.7 | 47.0 | 47.0 | 47.0 | 47.0 |
| 50 | 20.1 | 41.7 | 42.1 | 47.2 | 47.7 | 40.9 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 |
| 40 | 27.8 | 40.4 | 51.1 | 51.2 | 52.7 | 52.7 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 |
| 30 | 20.1 | 40.7 | 51.7 | 51.4 | 52.0 | 53.1 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 |
| 20 | 20.7 | 47.7 | 52.1 | 53.7 | 55.1 | 55.3 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 |
| 10 | 20.4 | 48.1 | 55.1 | 55.2 | 55.7 | 56.5 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 |
| 0 | 20.7 | 51.3 | 55.3 | 57.4 | 56.7 | 57.3 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 |
| 100 | 1.4 | 52.3 | 61.7 | 61.7 | 63.7 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 |
| 90 | 31.7 | 57.1 | 67.4 | 67.0 | 66.2 | 68.0 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 |
| 80 | 32.0 | 59.2 | 65.1 | 66.0 | 69.0 | 69.3 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 |
| 70 | 34.7 | 61.7 | 67.7 | 69.1 | 71.6 | 72.0 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 |
| 60 | 34.1 | 65.1 | 71.3 | 72.9 | 75.4 | 75.9 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 |
| 50 | 34.1 | 66.0 | 72.1 | 74.7 | 77.2 | 77.7 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 |
| 40 | 34.2 | 67.7 | 75.1 | 76.7 | 79.8 | 80.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| 30 | 34.1 | 67.2 | 75.7 | 77.4 | 80.3 | 81.0 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| 20 | 34.2 | 71.7 | 75.7 | 81.6 | 83.7 | 84.2 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 |
| 10 | 34.2 | 73.1 | 80.4 | 83.6 | 85.7 | 86.7 | 87.6 | 87.7 | 87.9 | 88.1 | 88.1 |
| 0 | 34.3 | 73.7 | 81.2 | 83.6 | 87.0 | 88.0 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 |
| 100 | 34.3 | 74.4 | 82.4 | 85.2 | 87.1 | 90.3 | 91.2 | 91.4 | 91.4 | 91.4 | 91.4 |
| 90 | 34.3 | 74.8 | 87.4 | 85.9 | 88.0 | 91.4 | 92.4 | 92.8 | 92.8 | 93.1 | 93.4 |
| 80 | 34.3 | 75.1 | 87.2 | 86.4 | 89.9 | 92.6 | 93.9 | 94.2 | 94.2 | 94.6 | 94.9 |
| 70 | 34.3 | 75.1 | 83.4 | 86.7 | 91.2 | 93.3 | 94.6 | 95.1 | 95.0 | 95.4 | 95.7 |
| 60 | 34.2 | 75.1 | 83.6 | 87.1 | 92.0 | 94.2 | 95.4 | 96.3 | 96.3 | 97.0 | 97.4 |
| 50 | 34.3 | 75.1 | 83.6 | 87.1 | 92.0 | 94.2 | 95.7 | 97.0 | 97.3 | 98.0 | 98.0 |
| 40 | 34.3 | 75.1 | 83.6 | 87.1 | 92.0 | 94.2 | 95.7 | 97.0 | 97.3 | 98.0 | 98.0 |
| 30 | 34.3 | 75.1 | 83.6 | 87.1 | 92.0 | 94.2 | 95.7 | 97.0 | 97.3 | 98.0 | 98.0 |
| 20 | 34.3 | 75.1 | 83.6 | 87.1 | 92.0 | 94.2 | 95.7 | 97.0 | 97.3 | 98.0 | 98.0 |
| 10 | 34.3 | 75.1 | 83.6 | 87.1 | 92.0 | 94.2 | 95.7 | 97.0 | 97.3 | 98.0 | 98.0 |
| 0 | 34.3 | 75.1 | 83.6 | 87.1 | 92.0 | 94.2 | 95.7 | 97.0 | 97.3 | 98.0 | 98.0 |

TOTAL NUMBER OF OBSERVATIONS _____

U.S. AIR FORCE
 U.S. AIR FORCE
 U.S. AIR FORCE

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

| CEILING | 1000 | 900 | 800 | 700 | 600 | 500 | 400 | 300 | 200 | 100 | 50 | 20 | 10 | 5 | 2 | 1 | 0 |
|---------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1000 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 900 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 800 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 700 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 600 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 500 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 400 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 300 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 200 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 100 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 50 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 20 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 10 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 5 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 2 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| 0 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |

TOTAL NUMBER OF OBSERVATIONS _____

USAF ETAC 10-14-5-101-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

7-11

— *Journal of the American Medical Association*

TOTAL NUMBER OF OBSERVATIONS ?

USAF PAC 0-14-0101A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TOTAL SKY COVER

FOR AIRWAYS STATIONS THE SYMBOLS OF CLEAR, SCATTERED, BROKEN,
OVERCAST, & OBSCURED WERE USED AS INPUT FOR THE TOTAL SKY COVER.

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OBSCURED WAS CONVERTED TO 10/10

JOINT CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/NAO

SKY COVER

335 GISSON AFB IN

73-82

API

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN
TENTHS OF
SKY COVER | TOTAL
NO. OF
OBS |
|--------|----------------|---|---|---|------|---|---|---|---|---|------|------|--------------------------------|------------------------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| APR | 00-07 | 31.1 | | | 16.2 | | | | | | 13.7 | 39.0 | 5.6 | 900 |
| | 08-15 | 31.7 | | | 12.8 | | | | | | 14.9 | 40.8 | 5.8 | 693 |
| | 16-23 | 18.6 | | | 20.6 | | | | | | 18.4 | 47.4 | 6.5 | 692 |
| | 24-31 | 15.3 | | | 22.0 | | | | | | 16.1 | 46.6 | 6.5 | 900 |
| | 1-14 | 16.8 | | | 21.5 | | | | | | 22.8 | 45.4 | 7.2 | 900 |
| | 15-17 | 7.2 | | | 24.8 | | | | | | 22.1 | 45.9 | 7.3 | 400 |
| | 18-20 | 10.1 | | | 26.6 | | | | | | 20.2 | 43.2 | 6.9 | 900 |
| | 21-23 | 25.6 | | | 21.4 | | | | | | 14.9 | 39.1 | 5.9 | 900 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 17.8 | | | 21.6 | | | | | | 17.9 | 42.8 | 6.5 | 7185 |

USAFETAC

FORM
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

73-92

404

STATION

STATION NAME

6600

— — —

| MONTH | HOURS
(LST.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN
TENTHS OF
SKY COVER | TOTAL
NO. OF
OBS. | |
|--------|-----------------|---|---|---|------|---|---|---|---|---|------|--------------------------------|-------------------------|------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | | | 10 |
| NOV | 00-07 | 24.1 | | | 14.2 | | | | | | 7.9 | 51.6 | 6.5 | 900 |
| | 08-09 | 24.9 | | | 14.6 | | | | | | 11.5 | 49.2 | 6.4 | 899 |
| | 10-10 | 17.5 | | | 20.6 | | | | | | 13.5 | 48.2 | 6.7 | 898 |
| | 11-11 | 8.9 | | | 22.2 | | | | | | 20.9 | 47.4 | 7.3 | 899 |
| | 12-14 | 7.3 | | | 22.3 | | | | | | 20.9 | 49.4 | 7.5 | 900 |
| | 15-17 | 9.1 | | | 19.9 | | | | | | 22.2 | 49.8 | 7.6 | 900 |
| | 18-20 | 12.3 | | | 21.9 | | | | | | 15.7 | 50.1 | 7.1 | 900 |
| | 21-23 | 14.9 | | | 16.3 | | | | | | 13.2 | 50.6 | 6.7 | 900 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 11.4 | | | 15.7 | | | | | | 16.7 | 49.6 | 7.0 | 7196 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

12 335 6 ISSON AFB IN

73-82

DFC

STATION

STATION NAME

PERIOD

MOON

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN
TENTHS OF
SKY COVER | TOTAL
NO. OF
OBS | |
|--------|----------------|---|---|---|------|---|---|---|---|---|------|--------------------------------|------------------------|-----|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| DEC | 0-00 | 20.2 | | | 11.1 | | | | | | 8.2 | 50.6 | 7.1 | 929 |
| | 01-05 | 21.2 | | | 11.6 | | | | | | 9.6 | 58.6 | 7.0 | 925 |
| | 06-10 | 14.1 | | | 14.0 | | | | | | 12.5 | 59.3 | 7.5 | 926 |
| | 11-15 | 7.3 | | | 15.7 | | | | | | 20.9 | 56.1 | 8.0 | 929 |
| | 16-20 | 6.1 | | | 17.4 | | | | | | 22.0 | 54.5 | 7.0 | 930 |
| | 21-25 | 5.7 | | | 19.9 | | | | | | 18.9 | 55.4 | 7.3 | 929 |
| | 26-31 | 12.4 | | | 20.5 | | | | | | 16.1 | 53.0 | 7.4 | 925 |
| | 1-23 | 14.5 | | | 17.1 | | | | | | 13.6 | 56.8 | 7.4 | 927 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 12.0 | | | 15.5 | | | | | | 15.2 | 56.8 | 7.5 | 742 |

USAFETAC

FORM
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

12 335 011500M AFB IN

73-82

ALL

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS
(LIST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | MEAN
TENTHS OF
SKY COVER | TOTAL
NO. OF
OBS. |
|--------|-----------------|---|---|---|------|---|---|---|---|---|------|--------------------------------|-------------------------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | |
| JAN | ALL | 18.7 | | | 15.7 | | | | | | 17.1 | 35.0 | 7408 |
| FEB | | 17.5 | | | 17.5 | | | | | | 15.9 | 49.1 | 6772 |
| MAR | | 14.6 | | | 14.6 | | | | | | 15.4 | 37.3 | 7427 |
| APR | | 13.2 | | | 20.5 | | | | | | 17.0 | 42.1 | 7185 |
| MAY | | 16.0 | | | 25.8 | | | | | | 20.4 | 37.4 | 7404 |
| JUN | | 15.1 | | | 20.3 | | | | | | 24.7 | 33.6 | 7174 |
| JUL | | 17.1 | | | 34.6 | | | | | | 21.8 | 26.5 | 7336 |
| AUG | | 15.3 | | | 30.9 | | | | | | 23.8 | 30.1 | 7373 |
| SEP | | 23.7 | | | 20.5 | | | | | | 18.6 | 28.3 | 7149 |
| OCT | | 23.4 | | | 25.2 | | | | | | 17.9 | 33.3 | 7424 |
| NOV | | 10.4 | | | 19.5 | | | | | | 16.0 | 49.1 | 7196 |
| DEC | | 12.4 | | | 15.5 | | | | | | 15.2 | 36.0 | 7420 |
| TOTALS | | 17.2 | | | 23.6 | | | | | | 18.4 | 40.0 | 67278 |

USAFETAC

FORM 0-9-5 (OL A)
JUL 64

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to centers of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:

- a. Daily maximum temperatures
- b. Daily minimum temperatures
- c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. In annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:

- a. Extreme maximum temperature
- b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Values for means and standard deviations do not include measurements for incomplete months.

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

- a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means (\bar{X}), and standard deviations (σ_x). The number of observations used in the computation for each element is also shown.

- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

d. Relative humidity usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1944, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
- a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
- b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

JOINT CLIMATE LOGISTICS BRANCH

AFETAC

AFETAC WEATHER SERVICE/MAC

33° 33' 00" N 101° 33' 00" W MISSOURI AFB IN

56-82

YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAXIMUM

| TEMP °F | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|-----------|--------|--------|--------|--------|-------|-------|-------|-------|-------|--------|--------|--------|--------|
| 1 | | | | | | | .1 | | | | | | .1 |
| 100 | | | | | | | .4 | | | | | | .4 |
| 5 | | | | | | 1.2 | 3.7 | | | | | | 4.9 |
| 5 | | | | | .6 | 9.1 | 14.5 | 8.4 | 3.0 | | | | 30.0 |
| 5 | | | | .5 | 8.0 | 29.4 | 42.5 | 33.0 | 14.4 | .8 | | | 100.0 |
| 75 | | | .1 | 4.8 | 22.3 | 55.1 | 74.0 | 65.0 | 34.7 | 6.6 | | | 72.0 |
| 70 | | | .3 | 11.7 | 38.7 | 70.7 | 92.6 | 87.3 | 56.4 | 17.4 | .2 | | 32.0 |
| 65 | | | 5.4 | 21.6 | 57.6 | 92.2 | 98.4 | 97.0 | 74.7 | 31.3 | 4.4 | | 40.5 |
| 60 | .1 | .3 | 9.4 | 34.9 | 74.4 | 97.5 | 100.0 | 99.6 | 91.1 | 48.3 | 9.9 | .7 | 47.5 |
| 55 | .7 | 1.6 | 15.9 | 49.8 | 81.5 | 99.5 | | 100.0 | 47.0 | 65.5 | 19.6 | 3.6 | 53.6 |
| 50 | 1.7 | 5.1 | 24.9 | 67.3 | 93.9 | 99.9 | | | 99.3 | 80.2 | 31.2 | 8.0 | 59.6 |
| 45 | 4.8 | 10.1 | 35.6 | 79.9 | 98.4 | 100.0 | | | 99.9 | 89.6 | 46.2 | 13.3 | 65.1 |
| 40 | 11.1 | 18.1 | 47.7 | 90.4 | 99.5 | | | | 100.0 | 96.4 | 61.4 | 21.3 | 70.5 |
| 35 | 19.7 | 28.7 | 65.6 | 96.5 | 100.0 | | | | | 99.5 | 74.0 | 34.1 | 75.7 |
| 30 | 37.0 | 40.4 | 82.8 | 99.1 | | | | | | 100.0 | 89.6 | 54.2 | 84.4 |
| 25 | 53.4 | 66.4 | 93.1 | 99.9 | | | | | | | 96.2 | 76.1 | 90.5 |
| 20 | 67.2 | 81.3 | 97.8 | 100.0 | | | | | | | 98.6 | 87.9 | 94.4 |
| 15 | 80.9 | 90.4 | 99.2 | | | | | | | | 99.4 | 93.5 | 97.0 |
| 10 | 89.4 | 94.2 | 100.0 | | | | | | | | 99.8 | 97.2 | 98.4 |
| 5 | 95.5 | 98.7 | | | | | | | | | 100.0 | 98.9 | 99.4 |
| 0 | 98.4 | 99.6 | | | | | | | | | | 99.4 | 99.6 |
| -5 | 99.6 | 100.0 | | | | | | | | | | 100.0 | 100.0 |
| -10 | 100.0 | | | | | | | | | | | | 100.0 |
| MEAN | 29.7 | 34.0 | 45.8 | 59.8 | 71.0 | 79.9 | 83.2 | 81.5 | 75.5 | 63.8 | 48.5 | 36.4 | 59.1 |
| S.D. | 11.974 | 11.463 | 12.492 | 11.506 | 9.877 | 7.393 | 6.091 | 6.067 | 8.247 | 10.483 | 11.688 | 11.366 | 21.310 |
| TOTAL OBS | 829 | 763 | 837 | 810 | 837 | 810 | 837 | 836 | 810 | 837 | 810 | 836 | 9852 |

USAFETAC FORM 0-21.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL CLIMATOLOGY BRANCH
 AFETAC
 WEATHER SERVICE/MAC
 336 6-1550M AFB IN
 STATION NAME

DAILY TEMPERATURES

56-62

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM DAILY OBSERVATIONS

414100

| TEMP °F | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANN A |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 50 | | | | | | | .1 | | | | | | .0 |
| 51 | | | | | | | 2.7 | 1.3 | | | | | .4 |
| 52 | | | | | .5 | .0 | 19.0 | 13.6 | 5.4 | .1 | | | 3.4 |
| 53 | | | | .6 | 5.4 | 29.5 | 50.5 | 39.1 | 17.5 | 1.1 | | | 12.1 |
| 54 | | | .1 | 3.2 | 20.1 | 52.7 | 77.7 | 67.0 | 33.1 | 4.7 | .5 | .1 | 21.0 |
| 55 | | | 1.0 | 9.6 | 36.9 | 74.7 | 92.8 | 86.2 | 52.6 | 12.9 | 3.1 | .4 | 31.1 |
| 56 | | | 2.7 | 17.5 | 55.3 | 92.2 | 98.1 | 76.2 | 73.2 | 25.8 | 7.2 | 1.2 | 39.4 |
| 57 | | .4 | .7 | 6.9 | 29.6 | 73.8 | 96.8 | 99.8 | 99.4 | 86.9 | 43.7 | 12.7 | 40.6 |
| 58 | .8 | 2.5 | 14.3 | 48.0 | 86.6 | 100.0 | 100.0 | 99.9 | 96.5 | 65.4 | 24.4 | 6.2 | 54.2 |
| 59 | 4.2 | 7.5 | 26.0 | 68.9 | 96.8 | | | 100.0 | 99.8 | 82.9 | 40.7 | 13.3 | 62.0 |
| 60 | 7.8 | 11.0 | 35.1 | 78.4 | 98.3 | | | | 100.0 | 89.2 | 50.1 | 19.4 | 60.1 |
| 61 | 14.4 | 21.6 | 50.4 | 88.6 | 99.4 | | | | | 94.7 | 63.0 | 31.3 | 72.2 |
| 62 | 20.3 | 38.8 | 72.3 | 97.3 | 100.0 | | | | | 99.3 | 83.2 | 51.9 | 91.2 |
| 63 | 42.0 | 54.1 | 85.4 | 99.4 | | | | | | 100.0 | 94.2 | 67.0 | 87.1 |
| 64 | 54.3 | 66.1 | 92.5 | 99.9 | | | | | | | 98.0 | 78.8 | 90.9 |
| 65 | 65.0 | 77.1 | 96.9 | 100.0 | | | | | | | 99.1 | 87.3 | 93.9 |
| 66 | 76.6 | 85.5 | 98.8 | | | | | | | | 99.6 | 92.1 | 96.1 |
| 67 | 77.2 | 91.5 | 99.4 | | | | | | | | 99.9 | 95.3 | 97.8 |
| 68 | 83.5 | 97.2 | 100.0 | | | | | | | | 100.0 | 98.3 | 99.1 |
| 69 | 86.6 | 99.2 | | | | | | | | | | 99.2 | 99.6 |
| 70 | 89.0 | 99.9 | | | | | | | | | | 99.9 | 99.9 |
| 71 | 100.0 | 100.0 | | | | | | | | | | 100.0 | 100.0 |
| 72 | | | | | | | | | | | | | |
| 73 | | | | | | | | | | | | | |
| 74 | | | | | | | | | | | | | |
| 75 | | | | | | | | | | | | | |
| 76 | | | | | | | | | | | | | |
| 77 | | | | | | | | | | | | | |
| 78 | | | | | | | | | | | | | |
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| 81 | | | | | | | | | | | | | |
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| 83 | | | | | | | | | | | | | |
| 84 | | | | | | | | | | | | | |
| 85 | | | | | | | | | | | | | |
| 86 | | | | | | | | | | | | | |
| 87 | | | | | | | | | | | | | |
| 88 | | | | | | | | | | | | | |
| 89 | | | | | | | | | | | | | |
| 90 | | | | | | | | | | | | | |
| 91 | | | | | | | | | | | | | |
| 92 | | | | | | | | | | | | | |
| 93 | | | | | | | | | | | | | |
| 94 | | | | | | | | | | | | | |
| 95 | | | | | | | | | | | | | |
| 96 | | | | | | | | | | | | | |
| 97 | | | | | | | | | | | | | |
| 98 | | | | | | | | | | | | | |
| 99 | | | | | | | | | | | | | |
| 100 | | | | | | | | | | | | | |
| MEAN | 10.1 | 19.1 | 29.3 | 40.1 | 50.7 | 59.8 | 64.0 | 62.1 | 55.2 | 43.5 | 33.3 | 23.2 | 41.0 |
| S.D. | 13.0 | 11.2 | 10.0 | 9.5 | 8.7 | 7.1 | 6.2 | 6.6 | 8.7 | 9.0 | 12.0 | 17.1 | 19.1 |
| TOTAL OBS | 829 | 763 | 837 | 810 | 837 | 810 | 837 | 836 | 810 | 837 | 810 | 836 | 9850 |

USAFETAC 0215 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CENTRAL CLIMATOLOGY BRANCH
 WAFSTAC
 AIR WEATHER SERVICE/MAC
 335 GISSOM AFB IN
 STATION NAME

DAILY TEMPERATURES

56-60

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 FROM DAILY OBSERVATIONS

| TEMP °F | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| 5 | | | | | | | 2.7 | .1 | | | | | .2 |
| 7 | | | | | .2 | 7.4 | 14.9 | 9.0 | 3.0 | | | | .3 |
| 15 | | | | .2 | 6.3 | 28.5 | 46.7 | 36.5 | 15.6 | .5 | | | 11.3 |
| 25 | | | .6 | 9.9 | 37.8 | 77.2 | 95.0 | 89.7 | 65.3 | 14.1 | .7 | .1 | 21.9 |
| 35 | | | 2.4 | 19.4 | 57.6 | 94.1 | 99.5 | 97.8 | 76.3 | 28.9 | 5.3 | .2 | 40.4 |
| 45 | .1 | .4 | 8.1 | 32.3 | 75.9 | 99.0 | 100.0 | 99.9 | 91.5 | 45.9 | 1.7 | 1.7 | 47.4 |
| 55 | .6 | 1.7 | 14.2 | 40.8 | 89.1 | 99.9 | | 100.0 | 98.5 | 66.9 | 21.1 | 4.3 | 54.1 |
| 65 | 1.6 | 5.1 | 24.4 | 60.4 | 97.7 | 100.0 | | | 99.8 | 83.5 | 35.3 | 6.4 | 60.7 |
| 75 | 6.9 | 11.1 | 40.5 | 87.2 | 99.4 | | | | 100.0 | 94.9 | 54.7 | 17.3 | 63.0 |
| 85 | 16.4 | 25.2 | 61.1 | 95.9 | 100.0 | | | | | 99.3 | 72.3 | 33.1 | 75.9 |
| 95 | 33.1 | 44.6 | 79.9 | 99.3 | | | | | | 100.0 | 88.3 | 54.2 | 83.8 |
| 105 | 48.6 | 60.9 | 90.8 | 99.8 | | | | | | | 96.9 | 72.6 | 89.3 |
| 115 | 80.4 | 74.0 | 96.2 | 100.0 | | | | | | | 98.5 | 84.8 | 92.9 |
| 125 | 72.6 | 94.5 | 98.7 | | | | | | | | 99.5 | 91.1 | 95.6 |
| 135 | 75.2 | 91.7 | 99.5 | | | | | | | | 99.8 | 95.0 | 97.6 |
| 145 | 93.4 | 96.9 | 100.0 | | | | | | | | 100.0 | 97.7 | 99.0 |
| 155 | 96.9 | 99.1 | | | | | | | | | | 99.3 | 99.0 |
| 165 | 98.8 | 100.0 | | | | | | | | | | 99.6 | 99.9 |
| 175 | 99.8 | | | | | | | | | | | 100.0 | 100.0 |
| 185 | 100.0 | | | | | | | | | | | | 100.0 |
| MEAN | 72.7 | 76.7 | 87.8 | 95.2 | 101.1 | 103.1 | 103.9 | 102.0 | 95.6 | 83.9 | 61.1 | 30.0 | 50.4 |
| S D | 12.4 | 11.3 | 10.6 | 9.8 | 8.7 | 8.7 | 8.6 | 8.7 | 9.0 | 10.1 | 11.2 | 11.2 | 19.9 |
| TOTAL OBS | 729 | 763 | 837 | 811 | 837 | 811 | 837 | 836 | 811 | 837 | 810 | 830 | 985 |

GENERAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/CLIMAC

EXTREME VALUES

MAXIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

12-335 STATION GRISSEON AFB IN STATION NAME

56-82

YEARS

HOLE DEGREES FAHRENHEIT

| MONTH
YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ALL
MONTHS |
|---------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------|
| 51 | 42 | 56 | 70 | 79 | 89 | 94 | 97* | 95 | 92 | 83 | 72 | 64 | 97 |
| 57 | 54 | 67 | 72 | 83 | 84 | 96 | 96 | 94 | 92 | 78 | 64 | 57 | 98 |
| 5 | 48 | 63 | 56 | 84 | 91 | 86 | 92 | 93 | 89 | 81 | 72 | 54 | 97 |
| 52 | 50 | 58 | 73 | 76 | 86 | 95 | 91 | 93 | 92 | 79 | 64 | 62 | 95 |
| 61 | 51 | 57 | 72 | 86 | 82 | 90 | 91 | 91 | 93 | 81 | 68 | 57 | 97 |
| 51 | 51 | 63 | 72 | 73 | 80 | 92 | 91 | 89 | 91 | 80 | 76 | 59 | 92 |
| 2 | 45 | 59 | 74 | 84 | 89 | 89 | 89 | 96 | 96 | 83 | 64 | 63 | 96 |
| 53 | 51 | 48 | 78 | 80 | 84 | 91 | 90 | 88 | 83 | 87 | 68 | 57 | 92 |
| 54 | 55 | 50 | 66 | 81 | 90 | 92 | 89 | 94 | 92 | 76 | 73 | 58 | 94 |
| 55 | 62 | 56 | 58 | 80 | 87 | 87 | 89 | 91 | 86 | 80 | 71 | 62 | 90 |
| 56 | 52 | 55 | 72 | 70 | 85 | 98 | 99 | 95 | 89 | 74 | 66 | 62 | 99 |
| 67 | 65 | 56 | 77 | 80 | 89 | 93 | 86 | 87 | 83 | 84 | 58 | 59 | 93 |
| 6 | 47 | 55 | 73 | 78 | 80 | 96 | 90 | 91 | 86 | 83 | 73 | 50 | 96 |
| 57 | 55 | 44 | 69 | 80 | 90 | 92 | 93 | 89 | 86 | 80 | 57 | 45 | 93 |
| 7 | 53 | 53 | 55 | 84 | 86 | 98 | 99 | 91 | 90 | 78 | 61 | 60 | 99 |
| 71 | 40 | 54 | 71 | 82 | 85 | 95 | 90 | 91 | 88 | 86 | 72 | 66 | 95 |
| 72 | 54 | 63 | 70 | 73 | 84 | 85 | 90 | 90 | 86 | 75 | 63 | 56 | 90 |
| 73 | 54 | 53 | 72 | 77 | 79 | 91 | 94 | 91 | 90 | 82 | 67 | 60 | 94 |
| 74 | 54 | 59 | 74 | 81 | 83 | 85 | 99 | 94 | 86 | 76 | 71 | 42 | 99 |
| 75 | 51 | 50 | 70 | 76 | 93 | 89 | 92 | 89 | 88 | 84 | 76 | 65 | 93 |
| 76 | 41 | 68 | 78 | 83 | 85 | 91 | 92 | 89 | 88 | 81 | 58 | 57 | 92 |
| 77 | 20 | 58 | 74 | 85 | 90 | 90 | 96 | 90 | 88 | 72 | 74 | 53 | 98 |
| 7 | 43 | 35 | 79 | 73 | 89 | 91 | 91 | 89 | 91 | 76 | 74 | 55 | 91 |
| 78 | 30 | 43 | 73 | 76 | 80 | 88 | 89 | 90 | 84 | 81 | 67* | 60 | 90 |
| 79 | 54 | 43 | 57 | 84 | 88 | 93 | 105 | 98 | 92 | 86 | 69 | 61 | 105 |
| 81 | 42 | 56 | 82 | 80 | 83 | 92 | 95 | 86 | 85 | 75 | 71 | 52 | 95 |
| 82 | 45 | 43 | 70 | 72 | 88 | 86 | 92 | 91 | 87 | 87 | 71 | 69 | 92 |
| MEAN | 51.0 | 54.3 | 70.6 | 79.6 | 86.1 | 91.4 | 93.0 | 91.1 | 88.4 | 82.4 | 64.1 | 58.2 | 94.7 |
| S.D. | 5.24 | 7.867 | 6.901 | 4.012 | 3.570 | 3.814 | 4.155 | 2.819 | 2.823 | 4.059 | 5.489 | 6.450 | 3.473 |
| TOTAL OBS | 629 | 763 | 877 | 810 | 837 | 810 | 837 | 836 | 810 | 837 | 810 | 836 | 9852 |

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

* (AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/AFAC

EXTREME VALUES

MINIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

720335 GRISCOM AFB IN
STATION STATION NAME

56-32

YEARS

MINIMUM TEMPERATURE

| MONTH | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ALL MONTHS |
|-----------|-------|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|------------|
| YEAR | | | | | | | | | | | | | |
| 50 | * | 8 | 17 | 27 | 36 | 41 | 56* | 50 | 39 | 33 | 18 | 12 | * |
| 51 | -9. | 17. | 17. | 21. | 34 | 48. | 58. | 51. | 38. | 32. | 14. | 2. | -9. |
| 52 | 1. | -9 | 23 | 31 | 37 | 46 | 58 | 52 | 42 | 31 | -1 | -14 | -14 |
| 53 | -11. | -1 | 13. | 31 | 35 | 47. | 55. | 56 | 37. | 30 | 4. | 15. | -11 |
| 54 | 0 | 1 | -4 | 25 | 35 | 48 | 54 | 57 | 44 | 27 | 20 | -13 | -13 |
| 55 | -7. | 1 | 22. | 15. | 29 | 42. | 49. | 45. | 34. | 25. | 19. | -5. | -7. |
| 56 | -10 | 1 | 5 | 21 | 40 | 46 | 44 | 49 | 35 | 20 | 22 | -6 | -10 |
| 57 | -12. | -9. | 5. | 24. | 29. | 44. | 45. | 42. | 33. | 26. | 22. | -14. | -19. |
| 58 | -2 | -3 | 15 | 21 | 39 | 46 | 50 | 41 | 35 | 23 | 8 | 2 | -3 |
| 59 | -12. | -11. | 6. | 26. | 32. | 47. | 51. | 37. | 32. | 22. | 17. | 15. | -12. |
| 60 | -10 | -4 | 13 | 26 | 29 | 40 | 55 | 51 | 38 | 24 | 18 | 1 | -10 |
| 61 | -3. | -10. | 2. | 26. | 32. | 49. | 44. | 45. | 35. | 29. | 16. | -16. | -16. |
| 62 | -16 | -5 | -3 | 25 | 29 | 48 | 49 | 43 | 40 | 26 | 21 | 0 | -16 |
| 63 | 0 | 11. | 5. | 32. | 34. | 45. | 57. | 53. | 41. | 27. | 12. | 3. | -5. |
| 64 | -17 | -3 | 16 | 25 | 35 | 50 | 48 | 55 | 35 | 30 | 11 | 4 | -17 |
| 65 | -2. | -7. | 15. | 27. | 31. | 52. | 49. | 52. | 42. | 37. | 17. | 12. | -7. |
| 66 | -10 | -1 | 13 | 17 | 37 | 42 | 47 | 48 | 42 | 28 | 25 | 5 | -10 |
| 67 | 7. | 4. | 25. | 30. | 34. | 57. | 56. | 57. | 47. | 35. | 24. | 2. | 2. |
| 68 | -3 | 11 | 6 | 26 | 31 | 49 | 55 | 51 | 37 | 27 | 21 | 14 | -3 |
| 69 | 2. | -15. | 9. | 22. | 40. | 48. | 51. | 56. | 39. | 31. | 23. | 5. | -15. |
| 70 | -7 | -3 | 19 | 28 | 32 | 52 | 53 | 48 | 41 | 22 | 6 | -14 | -14 |
| 71 | -10. | -16. | 14. | 27. | 34. | 42. | 55. | 54. | 47. | 28. | 11. | -3. | -10 |
| 72 | -5 | -8 | -1 | 26 | 34 | 49 | 53 | 54 | 44 | 31 | 23 | 6 | -5 |
| 73 | -5. | -12. | 10. | 22. | 33. | 50. | 53. | 50. | 44. | 30. | 25* | 10. | -12 |
| 74 | 9 | -2 | 2 | 30 | 39 | 46 | 61 | 60 | 45 | 28 | 20 | -4 | -4 |
| 75 | -1 | -3 | 21 | 16 | 35 | 53 | 53 | 52 | 42 | 25 | 24 | -4. | -4 |
| 76 | -11 | -9 | 12 | 11 | 42 | 45 | 55 | 50 | 43 | 29 | 22 | 12 | -11 |
| | | | | | | | | | | | | | |
| MEAN | -5.7 | -2.9 | 1.8 | 24.7 | 34.6 | 47.1 | 52.4 | 50.3 | 39.9 | 28.0 | 17.1 | 7. | -10.7 |
| S.D. | 7.943 | 8.037 | 8.116 | 5.15 | 3.651 | 3.990 | 4.430 | 5.549 | 3.951 | 4.010 | 6.880 | 9.657 | 5.511 |
| TOTAL OBS | 49 | 763 | 837 | 810 | 837 | 810 | 837 | 636 | 810 | 837 | 810 | 836 | 9852 |

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

PSYCHROMETRIC SUMMARY

7-331 0-115 AFD 24

13-00000

STATION

STATION NAME

YEARS

MONTH

MOJAS : 5

[illegible]

PSYCHROMETRIC SUMMARY

12-1

YEARS

— — — — —
MONTH

| HOURS | L | S | T |
|-------|---|---|---|
|-------|---|---|---|

| Temp
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|-------------|-------------------------------------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

FORM
JUN 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH | HOURS |
|---------|--------------|-------|-------|-------|
| | | | | |

[illegible]

U. S. AIR FORCE
AFHQ
AFHQ
AFHQ

PSYCHROMETRIC SUMMARY

LA 20-1960 AFJ 1

12-55

STATION

STATION NAME

YEARS

33

MONTH

1. A. S. P.

103-1

hours 1 5 9

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|------|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | *31 | D.B.-W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | |
| /-11 | . | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -/-12 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -/-13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -/-14 | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -/-15 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -/-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -/-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -/-18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -/-19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -/-20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -/-21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -/-22 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -/-23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -/-24 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -/-25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -/-26 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -/-27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -/-28 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -/-29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -/-30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -/-31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Totals | 1 | .273 | .2 | .9 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Element (X) | $\Sigma x'$ | Σx | \bar{x} | s_x^2 | No. Obs. | Mean No. of Hours with Temperature | | | | | Total | |
|-------------|-------------|------------|-----------|---------|----------|------------------------------------|---------------------------|------------------------------|------------------------------|------------------------------|------------------------------|----|
| | | | | | | $\leq 0^\circ \text{ F}$ | $\leq 32^\circ \text{ F}$ | $\approx 67^\circ \text{ F}$ | $\approx 73^\circ \text{ F}$ | $\approx 80^\circ \text{ F}$ | $\approx 93^\circ \text{ F}$ | |
| Rel. Hum. | 557386 | 55790 | 75.311 | .436 | 93 | | | | | | | |
| Dry Bulb | 53577 | 17609 | 20.813 | .231 | 93 | | 7.3 | 75.4 | | | | 93 |
| Wet Bulb | 47527 | 17315 | 17.615 | .222 | 93 | | 4.1 | 51.3 | | | | 93 |
| Dew Point | 375359 | 12771 | 17.315 | .221 | 93 | | 27.7 | 35.3 | | | | 93 |

52

CENTRAL CLIMATOLOGY BRANCH

• TAC

DATA - SUBVISC / AC

PSYCHROMETRIC SUMMARY

35-15510-47-10

12-32

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STATE ON

STATION NAME

YEARS

MONY

6. 7. 8.

92-1113

HOURS . . . \$. . .

[illegible]

0-26-5 (01 A)

USAFETAC

AD-A131 198

GRISCOM AFB INDIANA REVISED UNIFORM SUMMARY OF SURFACE

WEATHER OBSERVATIO..(U) AIR FORCE ENVIRONMENTAL

TECHNICAL APPLICATIONS CENTER SCOTT A.. JUL 83

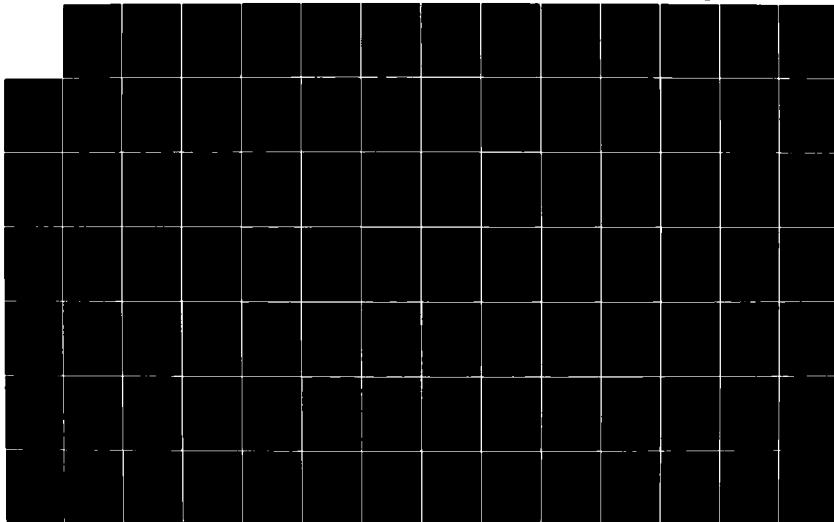
UNCLASSIFIED

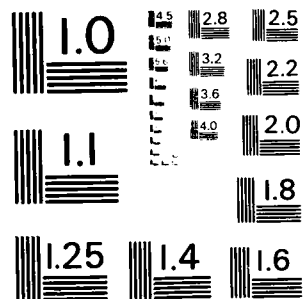
USAFETAC/DS-83/026 SBI-AD-E850 404

F/G 4/2

NL

46





MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS - 1963 - A

2

STATE 24

STATION NAME

YEARS

MONTH

15.

100-10

HOURS 12-5-7

USAFETAC

| | | | | |
|---------|-------|--------------|-------|----------|
| 33 | 13804 | AFG IN | 12-80 | ST |
| STATION | | STATION NAME | YEARS | MONTH |
| | | | | 1-8-14 |
| | | | | HOURS 15 |

USAFETAC
FORM
JAN 64
0.265 (OLA)
REF: SEC 998 + HJCS PDICONS (3) TAC-1, H-8M A22, B-1, C-12

CLIMATE CLIMATOLOGY BRANCH
METAC
AIR WEATHER SERVICE/SAC

PSYCHROMETRIC SUMMARY

| STATION | STATION NAME |
|---------|--------------|
| 1375 | 1380 AFD 1 |

YEARS

MON'N

1 - 17
HOURS 15 1

[illegible]

2

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10

2

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CLIMATE CLIMATOLOGY BRANCH

ATTAC

1. DATE 22 / 10 / 2000

PSYCHROMETRIC SUMMARY

33
STATION

10504 F. 11

STATION NAME

7-5-

YEARS

MONTH

1 A. 2

11-6-27

| HOURS | | S | | Y | |
|-------|-----|-----|-----|-----|-----|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 7 | 8 | 9 | 10 | 11 | 12 |
| 13 | 14 | 15 | 16 | 17 | 18 |
| 19 | 20 | 21 | 22 | 23 | 24 |
| 25 | 26 | 27 | 28 | 29 | 30 |
| 31 | 32 | 33 | 34 | 35 | 36 |
| 37 | 38 | 39 | 40 | 41 | 42 |
| 43 | 44 | 45 | 46 | 47 | 48 |
| 49 | 50 | 51 | 52 | 53 | 54 |
| 55 | 56 | 57 | 58 | 59 | 60 |
| 61 | 62 | 63 | 64 | 65 | 66 |
| 67 | 68 | 69 | 70 | 71 | 72 |
| 73 | 74 | 75 | 76 | 77 | 78 |
| 79 | 80 | 81 | 82 | 83 | 84 |
| 85 | 86 | 87 | 88 | 89 | 90 |
| 91 | 92 | 93 | 94 | 95 | 96 |
| 97 | 98 | 99 | 100 | 101 | 102 |
| 103 | 104 | 105 | 106 | 107 | 108 |
| 109 | 110 | 111 | 112 | 113 | 114 |
| 115 | 116 | 117 | 118 | 119 | 120 |
| 121 | 122 | 123 | 124 | 125 | 126 |
| 127 | 128 | 129 | 130 | 131 | 132 |
| 133 | 134 | 135 | 136 | 137 | 138 |
| 139 | 140 | 141 | 142 | 143 | 144 |
| 145 | 146 | 147 | 148 | 149 | 150 |
| 151 | 152 | 153 | 154 | 155 | 156 |
| 157 | 158 | 159 | 160 | 161 | 162 |
| 163 | 164 | 165 | 166 | 167 | 168 |
| 169 | 170 | 171 | 172 | 173 | 174 |
| 175 | 176 | 177 | 178 | 179 | 180 |
| 181 | 182 | 183 | 184 | 185 | 186 |
| 187 | 188 | 189 | 190 | 191 | 192 |
| 193 | 194 | 195 | 196 | 197 | 198 |
| 199 | 200 | 201 | 202 | 203 | 204 |
| 205 | 206 | 207 | 208 | 209 | 210 |
| 211 | 212 | 213 | 214 | 215 | 216 |
| 217 | 218 | 219 | 220 | 221 | 222 |
| 223 | 224 | 225 | 226 | 227 | 228 |
| 229 | 230 | 231 | 232 | 233 | 234 |
| 235 | 236 | 237 | 238 | 239 | 240 |
| 241 | 242 | 243 | 244 | 245 | 246 |
| 247 | 248 | 249 | 250 | 251 | 252 |
| 253 | 254 | 255 | 256 | 257 | 258 |
| 259 | 260 | 261 | 262 | 263 | 264 |
| 265 | 266 | 267 | 268 | 269 | 270 |
| 271 | 272 | 273 | 274 | 275 | 276 |
| 277 | 278 | 279 | 280 | 281 | 282 |
| 283 | 284 | 285 | 286 | 287 | 288 |
| 289 | 290 | 291 | 292 | 293 | 294 |
| 295 | 296 | 297 | 298 | 299 | 300 |
| 301 | 302 | 303 | 304 | 305 | 306 |
| 307 | 308 | 309 | 310 | 311 | 312 |
| 313 | 314 | 315 | 316 | 317 | 318 |
| 319 | 320 | 321 | 322 | 323 | 324 |
| 325 | 326 | 327 | 328 | 329 | 330 |
| 331 | 332 | 333 | 334 | 335 | 336 |
| 337 | 338 | 339 | 340 | 341 | 342 |
| 343 | 344 | 345 | 346 | 347 | 348 |
| 349 | 350 | 351 | 352 | 353 | 354 |
| 355 | 356 | 357 | 358 | 359 | 360 |
| 361 | 362 | 363 | 364 | 365 | 366 |
| 367 | 368 | 369 | 370 | 371 | 372 |
| 373 | 374 | 375 | 376 | 377 | 378 |
| 379 | 380 | 381 | 382 | 383 | 384 |
| 385 | 386 | 387 | 388 | 389 | 390 |
| 391 | 392 | 393 | 394 | 395 | 396 |
| 397 | 398 | 399 | 400 | 401 | 402 |
| 403 | 404 | 405 | 406 | 407 | 408 |
| | | | | | |

[illegible]

AL CLIMATOLOGY BRANCH
ETAC
CATHY SERVICE /M

PSYCHROMETRIC SUMMARY

| | | | |
|---------|--------------|-------|--------------|
| 33 | 010000 17 17 | 73-87 | 33 |
| STATION | STATION NAME | YEARS | MONTH |
| | | | 0100-2700 |
| | | | HOURS U.S.T. |

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | | | |
|--------------|-------------------------------------|---|---|----|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|--|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| 1 | 7-13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 7-14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 7-15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 7-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 7-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | 7-18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | 7-19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | 7-20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | 7-21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 7-22 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | 7-23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | 7-24 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | 7-25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | 7-26 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | 7-27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | 7-28 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | 7-29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | 7-30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | 7-31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | 7-32 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | 7-33 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | 7-34 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23 | 7-35 | | | </ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

YEARS

MONTH

680

411

HOURS L. S. T.

[illegible]

FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

USAFETAC

2

1

12-17

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MONTH

ALL

TOTAL

USAFETAC FORM 0-26-5 (OLA) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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USAFETAC

AL CLIMATELOGY BRANCH
LTPC
ATLANTA, GEORGIA

YEARS

МОНГО

MOYER : 9.

FORM 0265 (OL A) ST-50000-5 (10/00) OF THIS FORM USE 10/00-10/00

USAFETAC

AL 72-41600 - 4-20-68

PSYCHROMETRIC SUMMARY

5. A. N

STATION NAME

YEARS

1. $\frac{1}{2} \times \frac{1}{2} \times \frac{1}{2}$

HOURS 5 9

[illegible]

FORM
JUL 64
0-265 (OLA)
RE-STATE PATENT & TRADE MARK OFFICE

USAFETYAC

AL CALIFORNIA - 1974

PSYCHROMETRIC SUMMARY

STATION STATION NAME

A horizontal timeline of the 1990s. The years 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, and 2000 are marked along a line. Above the line, there are several small icons: a person, a car, a house, a tree, and a person with a speech bubble. Below the line, there are several small text labels: '1990', '1991', '1992', '1993', '1994', '1995', '1996', '1997', '1998', '1999', and '2000'. The timeline is part of a larger graphic that includes the text '10 YEARS' and 'THE 1990S'.

MONTE

HOURS

[illegible]

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 01-09-2001 BY 60322 UCBAW

PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|---------|--------------|-------|-------|
| | | | |

HOURS: 1 5 7

| Temp
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|-------------|-------------------------------------|---|---|---|----|----|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|--------------------|----------|-----------|--|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. Dry Bulb | Wet Bulb | Dew Point | |
| 1 | | | | | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

304 1960-07-01 I
STATION STATION NAME

YEARS

MONTH

HOURS 5 9

[illegible]USAFETAC
FORM
R/L 64
0-26.5 (OLA)
REVISED EDITIONS OF THIS FORM ARE OBSOLETE
BEING OBSOLETE EDITIONS OF THIS FORM ARE OBSOLETE

STATION _____ STATION NAME _____ YEARS _____ MONTH _____
 HOURS _____ S. T. _____

[illegible]

AL CLIMATE DATA CENTER

LINE

STATION NUMBER

PSYCHROMETRIC SUMMARY

STATION

STATION NAME

YEARS

MONTH

10-14

HOURS (L.S.T.)

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|--------------|-------------------------------------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-----------|----------|----------|-----------|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 7-1 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7-2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7-3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7-4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7-5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7-6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7-7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7-8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7-9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7-10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7-11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7-12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7-13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7-14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7-15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7-16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7-18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7-19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7-20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7-21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7-22 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7-23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7-24 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7-25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7-26 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7-27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7-28 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7-29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7-30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7-31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 7.24 | 1.03 | 1.11 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | |

| Element (X) | Z _g | Z _h | X | S _g | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|----------------|----------------|--------|----------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | |
| Rel. Hum. | 4.8113 | 37552 | 67.312 | 615 | 44 | | | | | | | |
| Dry Bulb | 35755 | 2775 | 27.912 | 377 | 44 | | 48.3 | 1 | | | | 4 |
| Wet Bulb | 28497 | 213 | 27.11 | 479 | 44 | | 57.4 | | | | | 4 |
| Dew Point | 101753 | 17147 | 2.313 | 56 | 44 | 5.5 | 68.7 | | | | | 4 |

AL CLIMATOLOGY BRANCH

CTAC

DATE RECEIVED: 10/10/10

PSYCHROMETRIC SUMMARY

30
STAN

1950, F. 10

STATION NAME

13-5

YEARS

5
MONTH

1-17
HOURS 16. 5. 7.

[illegible]

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-25-2010 BY 60322
AUTHORITY 50 USC 3024

PSYCHROMETRIC SUMMARY

335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 1040 1041 1042 1043 1044 1045 1046 1047 1048 1049 1050 1051 1052 1053 1054 1055 1056 1057 1058 1059 1060 1061 1062 1063 1064 1065 1066 1067 1068 1069 1070 1071 1072 1073 1074 1075 1076 1077 1078 1079 1080 1081 1082 1083 1084 1085 1086 1087 1088 1089 1090 1091 1092 1093 1094 1095 1096 1097 1098 1099 1100 1101 1102 1103 1104 1105 1106 1107 1108 1109 1110 1111 1112 1113 1114 1115 1116 1117 1118 1119 1120 1121 1122 1123 1124 1125 1126 1127 1128 1129 1130 1131 1132 1133 1134 1135 1136 1137 1138 1139 1140 1141 1142 1143 1144 1145 1146 1147 1148 1149 1150 1151 1152 1153 1154 1155 1156 1157 1158 1159 1160 1161 1162 1163 1164 1165 1166 1167 1168 1169 1170 1171 1172 1173 1174 1175 1176 1177 1178 1179 1180 1181 1182 1183 1184 1185 1186 1187 1188 1189 1190 1191 1192 1193 1194 1195 1196 1197 1198 1199 1200 1201 1202 1203 1204 1205 1206 1207 1208 1209 1210 1211 1212 1213 1214 1215 1216 1217 1218 1219 1220 1221 1222 1223 1224 1225 1226 1227 1228 1229 1230 1231 1232 1233 1234 1235 1236 1237 1238 1239 1240 1241 1242 1243 1244 1245 1246 1247 1248 1249 1250 1251 1252 1253 1254 1255 1256 1257 1258 1259 1260 1261 1262 1263 1264 1265 1266 1267 1268 1269 1270 1271 1272 1273 1274 1275 1276 1277 1278 1279 1280 1281 1282 1283 1284 1285 1286 1

STA' ON

STATION NAME

YEARS

MONTH

100-17

MOLES 15

[illegible]

CLIMATE CLIMATOLOGY BRANCH
LHC
CLIMATE SERVICE/AC

PSYCHROMETRIC SUMMARY

330 - 15000 AF8 12-72 STATION NAME YEARS MONTH

[illegible]

2

U.S. AIR FORCE
CLIMATE BRANCH
STATION NAME

PSYCHROMETRIC SUMMARY

STATION 33 YEARS 1955-56 STATION NAME YEARS MONTH

| Temp
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | | | | | | | | | | | |
|-------------|-------------------------------------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|------------|--------------------|--------------------|----------|------------------------------------|------------|-------------|-------------|-------------|-------------|-------------|--|--|--|--|--|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. Dry Bulb | Wet Bulb Dew Point | | | | | | | | | | | | | |
| 70 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 72 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 74 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 76 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 78 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 79 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 81 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 82 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 83 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 84 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 85 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 86 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 87 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 88 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 89 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 90 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 91 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 92 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 93 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 94 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 95 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 96 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 97 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 98 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 99 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | Σx^2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Σx | \bar{x} | s^2 | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | $\leq 0 F$ | $\leq 32 F$ | $\leq 67 F$ | $\leq 73 F$ | $\leq 80 F$ | $\leq 93 F$ | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26.5 (OLA) JUL 64 RE-IND PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATE PROJECT, INC.
100 EAST 17TH AVENUE, SUITE 100
DENVER, COLORADO 80202

PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|---------|--------------|-------|-------|
| 1 | 2 | 3 | 4 |
| 5 | 6 | 7 | 8 |
| 9 | 10 | 11 | 12 |
| 13 | 14 | 15 | 16 |
| 17 | 18 | 19 | 20 |
| 21 | 22 | 23 | 24 |
| 25 | 26 | 27 | 28 |
| 29 | 30 | 31 | 32 |
| 33 | 34 | 35 | 36 |
| 37 | 38 | 39 | 40 |
| 41 | 42 | 43 | 44 |
| 45 | 46 | 47 | 48 |
| 49 | 50 | 51 | 52 |
| 53 | 54 | 55 | 56 |
| 57 | 58 | 59 | 60 |
| 61 | 62 | 63 | 64 |
| 65 | 66 | 67 | 68 |
| 69 | 70 | 71 | 72 |
| 73 | 74 | 75 | 76 |
| 77 | 78 | 79 | 80 |
| 81 | 82 | 83 | 84 |
| 85 | 86 | 87 | 88 |
| 89 | 90 | 91 | 92 |
| 93 | 94 | 95 | 96 |
| 97 | 98 | 99 | 100 |

[illegible]

AL CLIMATE CONTROL

DATE 3 21 2011

PSYCHROMETRIC SUMMARY

| STATION | STATION NAME |
|---------|--------------|
| 73 | 73 |

YEARS

MON 7 H

MOUSE 5.9

[illegible]

U.S. CLIMATE SERVICE
1000
1000

PSYCHROMETRIC SUMMARY

| STATION | STATION NAME |
|---------|--------------|
|---------|--------------|

YEARS

1997

8 2 1 1

NOV 19 1954

| Temp.
°F | WET BULB TEMPERATURE DEPRESSION (°F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL
D.B., W.B. | Dry Bulb | TOTAL
Wet Bulb Dew Point | |
|-------------|--------------------------------------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---------------------|----------|-----------------------------|--|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | | | |

AL CLIMATELOGY STATION
STAG
LAT. 38.50 N LONG. 120.40 W

PSYCHROMETRIC SUMMARY

| STATION | STATION NAME |
|---------|--------------|
| 33 | INDIAN HILL |

YEARS

MANA

MOORE S

[illegible]

PSYCHROMETRIC SUMMARY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____
 HOURS _____

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

MONITORING

HOURS 1 5 9

| Temp | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|-------|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|-----------|----------|----------|-----------|
| (F) | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |
| / - | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / -7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| / -11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / -1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | .4 | 1.1 | 1.5 | 1.8 | 2.1 | 2.4 | 2.7 | 3.0 | 3.3 | 3.6 | 3.9 | 4.2 | 4.5 | 4.8 | 5.1 | 5.4 | 5.7 | 6.0 | 6.3 | 6.6 | 6.9 | 7.2 | 7.5 | 7.8 | 8.1 | 8.4 | 8.7 | 9.0 | 9.3 | 9.6 | 9.9 | 10.2 | 10.5 | 10.8 | 11.1 | |
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NATIONAL CLIMATOLOGY DIVISION
 METAC
 OPERATOR SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 335 1000 M AF 11
STATION NAME

12-12

YEARS

MONY

DATE _____
HOURS _____

[illegible]

YEARS

33 0 18001 AFB IN

STATION STATION NAME

73-42

MAN'S

NO. 125

JSAFETAC FORM 0.26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 66

U. S. AIR CLIMATELOGY BRANCH
 MILITARY
 AIR FORCE SERVICE / 140

PSYCHROMETRIC SUMMARY

STATION 4 STATION NAME

1-2

YEARS

100 MONTH

2-2-11
HOURS 11-5-7

[illegible]

PSYCHROMETRIC SUMMARY

STATION STATION NAME

YEARS

MONTH

01-11
HOURS 12-5

[illegible]

CENTRAL CLIMATOLOGY BRANCH
METEOROLOGICAL
ADMINISTRATIVE SERVICE, 1940

PSYCHROMETRIC SUMMARY

STATION 333 STATION NAME INDEPENDENCE YEARS 1952 MONTH 12
HOURS 14

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|-----------|----------|----------|-----------|-------------|------------|-----------|------------|----------|------------------------------------|--|--|--|--|-------|-------|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B.-W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 72 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 73 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 74 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 75 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 76 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 77 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 78 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 79 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 80 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 81 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 82 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 83 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 84 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 85 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 86 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 87 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 88 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 89 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 90 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 91 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 92 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 93 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 94 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 95 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 96 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 97 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 98 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 99 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 100 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| Element (X) | | | | | | | | | | | | | | | | | | | | | | $\Sigma X'$ | ΣX | \bar{X} | σ_X | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

GLOBAL CLIMATE/CLIMATE BRANCH
 10/1/80
 10/1/80

PSYCHROMETRIC SUMMARY

756 2500 AF IN
STATION STATION NAME

77-1

YEARS

MONITOR

1. 14
HOURS

U.S. AIR FORCE
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PSYCHROMETRIC SUMMARY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

[illegible]

ALBERT L. LEE - ARCH

PSYCHROMETRIC SUMMARY

STAT ON NAME

YEARS

100

RECEIVED
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PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|---------|--------------|-------|-------|
| 71 | 71 | 71 | 71 |

NOUAS 5.5.4

ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
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PSYCHROMETRIC SUMMARY

STATE OF NEW YORK

102

YEARS

MONY

HOURS $\frac{2}{1}$ $\frac{1}{1}$ $\frac{1}{1}$

[illegible]

1. AL CLIMATE POLICY
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PSYCHROMETRIC SUMMARY

| | | | |
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| STATION | STATION NAME | YEARS | MONTH |
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[illegible]

1. NE CLIMATE CHANGE BRANCH
170
1. CLIMATE CHANGE BRANCH

PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|---------|--------------|-------|-------|
| 7-1 | 7-1 | 7-1 | 7-1 |

HOURS 5

| Temp
F | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|-----------|-------------------------------------|---|---|---|----|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 60 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 61 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 62 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 63 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 64 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 65 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 66 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 67 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 68 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 69 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 70 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 72 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 74 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 76 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 78 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 79 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 81 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 82 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 83 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 84 | | | | | </ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

STATION NAME

YEARS

2. 15 MONTHS

HOURS 5 9

[illegible]

PSYCHROMETRIC SUMMARY

AL CLIMATOLOGY BRANCH
METEOR
ASTRONOMY SECTION

STATION STATION NAME

YEARS

MON

$$\frac{1}{\text{MOUSE}} = \frac{1}{5} \times \frac{1}{9}$$

| Temp
°F | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. - W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14.427 | 17.41 | 19.11 | 20.7 | 22.2 | 23.7 | 25.2 | 26.7 | 28.2 | 29.7 | 31.2 | 32.7 | 34.2 | 35.7 | 37.2 | 38.7 | 40.2 | 41.7 | 43.2 | 44.7 | 46.2 | 47.7 | 49.2 | 50.7 | 52.2 | 53.7 | 55.2 | 56.7 | 58.2 | 59.7 | 61.2 | 62.7 | 64.2 | 65.7 | 67.2 | 68.7 | 70.2 | 71.7 | 73.2 | 74.7 | 76.2 | 77.7 | 79.2 | 80.7 | 82.2 | 83.7 | 85.2 | 86.7 | 88.2 | 89.7 | 91.2 | 92.7 | 94.2 | 95.7 | 97.2 | 98.7 | 100.2 | 101.7 | 103.2 | 104.7 | 106.2 | 107.7 | 109.2 | 110.7 | 112.2 | 113.7 | 115.2 | 116.7 | 118.2 | 119.7 | 121.2 | 122.7 | 124.2 | 125.7 | 127.2 | 128.7 | 130.2 | 131.7 | 133.2 | 134.7 | 136.2 | 137.7 | 139.2 | 140.7 | 142.2 | 143.7 | 145.2 | 146.7 | 148.2 | 149.7 | 151.2 | 152.7 | 154.2 | 155.7 | 157.2 | 158.7 | 160.2 | 161.7 | 163.2 | 164.7 | 166.2 | 167.7 | 169.2 | 170.7 | 172.2 | 173.7 | 175.2 | 176.7 | 178.2 | 179.7 | 181.2 | 182.7 | 184.2 | 185.7 | 187.2 | 188.7 | 190.2 | 191.7 | 193.2 | 194.7 | 196.2 | 197.7 | 199.2 | 200.7 | 202.2 | 203.7 | 205.2 | 206.7 | 208.2 | 209.7 | 211.2 | 212.7 | 214.2 | 215.7 | 217.2 | 218.7 | 220.2 | 221.7 | 223.2 | 224.7 | 226.2 | 227.7 | 229.2 | 230.7 | 232.2 | 233.7 | 235.2 | 236.7 | 238.2 | 239.7 | 241.2 | 242.7 | 244.2 | 245.7 | 247.2 | 248.7 | 250.2 | 251.7 | 253.2 | 254.7 | 256.2 | 257.7 | 259.2 | 260.7 | 262.2 | 263.7 | 265.2 | 266.7 | 268.2 | 269.7 | 271.2 | 272.7 | 274.2 | 275.7 | 277.2 | 278.7 | 280.2 | 281.7 | 283.2 | 284.7 | 286.2 | 287.7 | 289.2 | 290.7 | 292.2 | 293.7 | 295.2 | 296.7 | 298.2 | 299.7 | 301.2 | 302.7 | 304.2 | 305.7 | 307.2 | 308.7 | 310.2 | 311.7 | 313.2 | 314.7 | 316.2 | 317.7 | 319.2 | 320.7 | 322.2 | 323.7 | 325.2 | 326.7 | 328.2 | 329.7 | 331.2 | 332.7 | 334.2 | 335.7 | 337.2 | 338.7 | 340.2 | 341.7 | 343.2 | 344.7 | 346.2 | 347.7 | 349.2 | 350.7 | 352.2 | 353.7 | 355.2 | 356.7 | 358.2 | 359.7 | 361.2 | 362.7 | 364.2 | 365.7 | 367.2 | 368.7 | 370.2 | 371.7 | 373.2 | 374.7 | 376.2 | 377.7 | 379.2 | 380.7 | 382.2 | 383.7 | 385.2 | 386.7 | 388.2 | 389.7 | 391.2 | 392.7 | 394.2 | 395.7 | 397.2 | 398.7 | 400.2 | 401.7 | 403.2 | 404.7 | 406.2 | 407.7 | 409.2 | 410.7 | 412.2 | 413.7 | 415.2 | 416.7 | 418.2 | 419.7 | 421.2 | 422.7 | 424.2 | 425.7 | 427.2 | 428.7 | 430.2 | 431.7 | 433.2 | 434.7 | 436.2 | 437.7 | 439.2 | 440.7 | 442.2 | 443.7 | 445.2 | 446.7 | 448.2 | 449.7 | 451.2 | 452.7 | 454.2 | 455.7 | 457.2 | 458.7 | 460.2 | 461.7 | 463.2 | 464.7 | 466.2 | 467.7 | 469.2 | 470.7 | 472.2 | 473.7 | 475.2 | 476.7 | 478.2 | 479.7 | 481.2 | 482.7 | 484.2 | 485.7 | 487.2 | 488.7 | 490.2 | 491.7 | 493.2 | 494.7 | 496.2 | 497.7 | 499.2 | 500.7 | 502.2 | 503.7 | 505.2 | 506.7 | 508.2 | 509.7 | 511.2 | 512.7 | 514.2 | 515.7 | 517.2 | 518.7 | 520.2 | 521.7 | 523.2 | 524.7 | 526.2 | 527.7 | 529.2 | 530.7 | 532.2 | 533.7 | 535.2 | 536.7 | 538.2 | 539.7 | 541.2 | 542.7 | 544.2 | 545.7 | 547.2 | 548.7 | 550.2 | 551.7 | 553.2 | 554.7 | 556.2 | 557.7 | 559.2 | 560.7 | 562.2 | 563.7 | 565.2 | 566.7 | 568.2 | 569.7 | 571.2 | 572.7 | 574.2 | 575.7 | 577.2 | 578.7 | 580.2 | 581.7 | 583.2 | 584.7 | 586.2 | 587.7 | 589.2 | 590.7 | 592.2 | 593.7 | 595.2 | 596.7 | 598.2 | 599.7 | 601.2 | 602.7 | 604.2 | 605.7 | 607.2 | 608.7 | 610.2 | 611.7 | 613.2 | 614.7 | 616.2 | 617.7 | 619.2 | 620.7 | 622.2 | 623.7 | 625.2 | 626.7 | 628.2 | 629.7 | 631.2 | 632.7 | 634.2 | 635.7 | 637.2 | 638.7 | 640.2 | 641.7 | 643.2 | 644.7 | 646.2 | 647.7 | 649.2 | 650.7 | 652.2 | 653.7 | 655.2 | 656.7 | 658.2 | 659.7 | 661.2 | 662.7 | 664.2 | 665.7 | 667.2 | 668.7 | 670.2 | 671.7 | 673.2 | 674.7 | 676.2 | 677.7 | 679.2 | 680.7 | 682.2 | 683.7 | 685.2 | 686.7 | 688.2 | 689.7 | 691.2 | 692.7 | 694.2 | 695.7 | 697.2 | 698.7 | 700.2 | 701.7 | 703.2 | 704.7 | 706.2 | 707.7 | 709.2 | 710.7 | 712.2 | 713.7 | 715.2 | 716.7 | 718.2 | 719.7 | 721.2 | 722.7 | 724.2 | 725.7 | 727.2 | 728.7 | 730.2 | 731.7 | 733.2 | 734.7 | 736.2 | 737.7 | 739.2 | 740.7 | 742.2 | 743.7 | 745.2 | 746.7 | 748.2 | 749.7 | 751.2 | 752.7 | 754.2 | 755.7 | 757.2 | 758.7 | 760.2 | 761.7 | 763.2 | 764.7 | 766.2 | 767.7 | 769.2 | 770.7 | 772.2 | 773.7 | 775.2 | 776.7 | 778.2 | 779.7 | 781.2 | 782.7 | 784.2 | 785.7 | 787.2 | 788.7 | 790.2 | 791.7 | 793.2 | 794.7 | 796.2 | 797.7 | 799.2 | 800.7 | 802.2 | 803.7 | 805.2 | 806.7 | 808.2 | 809.7 | 811.2 | 812.7 | 814.2 | 815.7 | 817.2 | 818.7 | 820.2 | 821.7 | 823.2 | 824.7 | 826.2 | 827.7 | 829.2 | 830.7 | 832.2 | 833.7 | 835.2 | 836.7 | 838.2 | 839.7 | 841.2 | 842.7 | 844.2 | 845.7 | 847.2 | 848.7 | 850.2 | 851.7 | 853.2 | 854.7 | 856.2 | 857.7 | 859.2 | 860.7 | 862.2 | 863.7 | 865.2 | 866.7 | 868.2 | 869.7 | 871.2 | 872.7 | 874.2 | 875.7 | 877.2 | 878.7 | 880.2 | 881.7 | 883.2 | 884.7 | 886.2 | 887.7 | 889.2 | 890.7 | 892.2 | 893.7 | 895.2 | 896.7 | 898.2 | 899.7 | 901.2 | 902.7 | 904.2 | 905.7 | 907.2 | 908.7 | 910.2 | 911.7 | 913.2 | 914.7 | 916.2 | 917.7 | 919.2 | 920.7 | 922.2 | 923.7 | 925.2 | 926.7 | 928.2 | 929.7 | 931.2 | 932.7 | 934.2 | 935.7 | 937.2 | 938.7 | 940.2 | 941.7 | 943.2 | 944.7 | 946.2 | 947.7 | 949.2 | 950.7 | 952.2 | 953.7 | 955.2 | 956.7 | 958.2 | 959.7 | 961.2 | 962.7 | 964.2 | 965.7 | 967.2 | 968.7 | 970.2 | 971.7 | 973.2 | 974.7 | 976.2 | 977.7 | 979.2 | 980.7 | 982.2 | 983.7 | 985.2 | 986.7 | 988.2 | 989.7 | 991.2 | 992.7 | 994.2 | 995.7 | 997.2 | 998.7 | 1000.2 |

U.S. AIR FORCE
CLIMATE DATA
STATION

PSYCHROMETRIC SUMMARY

STATION NO. 32 STATION NAME 101 AF 24 YEARS 1955-1956 MONTHS 12 HOURS 24

| Temp
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | | |
|-------------|-------------------------------------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----------|------------------------------------|----------|----------|-----------|--------|--------|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | |
| 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 72 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 74 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 76 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 78 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 79 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 81 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 82 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 83 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 84 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 85 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 86 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 87 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 88 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 89 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 90 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 91 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 92 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 93 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 94 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 95 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 96 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 97 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 98 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 99 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | Σx | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | No. Obs. | Mean No. of Hours with Temperature | | | | | Total |
| Rel. Hum. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

AL CUMMINGS, JR. - 25, CH

PSYCHROMETRIC SUMMARY

YEARS

1- - - - - 1- - - - -
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ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED
DATE 03-20-2001 BY 60322 UCBAW

PSYCHROMETRIC SUMMARY

| STATION | STATION NAME |
|---------|--------------|
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1. 2. 3.

YEARS

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ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 01-21-2001 BY 60322

PSYCHROMETRIC SUMMARY

| | | | |
|---------|--------------|--------------|--------------|
| 30 | 10 | 10 | 10 |
| STATION | STATION NAME | STATION NAME | STATION NAME |

YEARS

444

1

PSYCHROMETRIC SUMMARY

YEARS

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NCJRS 59

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REVISED PER K-15 EDITIONS OF THIS FORM ABN 10-11-19

1. THE UNITED STATES OF AMERICA

PSYCHROMETRIC SUMMARY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____
 HOURS _____ S. T. _____

NATIONAL CLIMATE DATA CENTER
 5200 AUTHORITY DRIVE
 ANN ARBOR MI 48106-0001

PSYCHROMETRIC SUMMARY

STATION ISSUED: FEB 20 STATION NAME

YEARS

MONDAY

12

ALL
HOURS - L. S. T.

[illegible]

GENERAL CLIMATELOGY SECTION
 1. TAC
 2. TAC-10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841,

PSYCHROMETRIC SUMMARY

| | | | |
|---------|--------------|-------|-------|
| STATION | STATION NAME | YEARS | MONTH |
| 1950 | 1950 | 1950 | 1950 |
| 1951 | 1951 | 1951 | 1951 |
| 1952 | 1952 | 1952 | 1952 |
| 1953 | 1953 | 1953 | 1953 |
| 1954 | 1954 | 1954 | 1954 |
| 1955 | 1955 | 1955 | 1955 |
| 1956 | 1956 | 1956 | 1956 |
| 1957 | 1957 | 1957 | 1957 |
| 1958 | 1958 | 1958 | 1958 |
| 1959 | 1959 | 1959 | 1959 |
| 1960 | 1960 | 1960 | 1960 |
| 1961 | 1961 | 1961 | 1961 |
| 1962 | 1962 | 1962 | 1962 |
| 1963 | 1963 | 1963 | 1963 |
| 1964 | 1964 | 1964 | 1964 |
| 1965 | 1965 | 1965 | 1965 |
| 1966 | 1966 | 1966 | 1966 |
| 1967 | 1967 | 1967 | 1967 |
| 1968 | 1968 | 1968 | 1968 |
| 1969 | 1969 | 1969 | 1969 |
| 1970 | 1970 | 1970 | 1970 |
| 1971 | 1971 | 1971 | 1971 |
| 1972 | 1972 | 1972 | 1972 |
| 1973 | 1973 | 1973 | 1973 |
| 1974 | 1974 | 1974 | 1974 |
| 1975 | 1975 | 1975 | 1975 |
| 1976 | 1976 | 1976 | 1976 |
| 1977 | 1977 | 1977 | 1977 |
| 1978 | 1978 | 1978 | 1978 |
| 1979 | 1979 | 1979 | 1979 |
| 1980 | 1980 | 1980 | 1980 |
| 1981 | 1981 | 1981 | 1981 |
| 1982 | 1982 | 1982 | 1982 |
| 1983 | 1983 | 1983 | 1983 |
| 1984 | 1984 | 1984 | 1984 |
| 1985 | 1985 | 1985 | 1985 |
| 1986 | 1986 | 1986 | 1986 |
| 1987 | 1987 | 1987 | 1987 |
| 1988 | 1988 | 1988 | 1988 |
| 1989 | 1989 | 1989 | 1989 |
| 1990 | 1990 | 1990 | 1990 |
| 1991 | 1991 | 1991 | 1991 |
| 1992 | 1992 | 1992 | 1992 |
| 1993 | 1993 | 1993 | 1993 |
| 1994 | 1994 | 1994 | 1994 |
| 1995 | 1995 | 1995 | 1995 |
| 1996 | 1996 | 1996 | 1996 |
| 1997 | 1997 | 1997 | 1997 |
| 1998 | 1998 | 1998 | 1998 |
| 1999 | 1999 | 1999 | 1999 |
| 2000 | 2000 | 2000 | 2000 |
| 2001 | 2001 | 2001 | 2001 |
| 2002 | 2002 | 2002 | 2002 |
| 2003 | 2003 | 2003 | 2003 |
| 2004 | 2004 | 2004 | 2004 |
| 2005 | 2005 | 2005 | 2005 |
| 2006 | 2006 | 2006 | 2006 |
| 2007 | 2007 | 2007 | 2007 |
| 2008 | 2008 | 2008 | 2008 |
| 2009 | 2009 | 2009 | 2009 |
| 2010 | 2010 | 2010 | 2010 |
| 2011 | 2011 | 2011 | 2011 |
| 2012 | 2012 | 2012 | 2012 |
| 2013 | 2013 | 2013 | 2013 |
| 2014 | 2014 | 2014 | 2014 |
| 2015 | 2015 | 2015 | 2015 |
| 2016 | 2016 | 2016 | 2016 |
| 2017 | 2017 | 2017 | 2017 |
| 2018 | 2018 | 2018 | 2018 |
| 2019 | 2019 | 2019 | 2019 |
| 2020 | 2020 | 2020 | 2020 |
| 2021 | 2021 | 2021 | 2021 |
| 2022 | 2022 | 2022 | 2022 |
| 2023 | 2023 | 2023 | 2023 |
| 2024 | 2024 | 2024 | 2024 |
| 2025 | 2025 | 2025 | 2025 |
| 2026 | 2026 | 2026 | 2026 |
| 2027 | 2027 | 2027 | 2027 |
| 2028 | 2028 | 2028 | 2028 |
| 2029 | 2029 | 2029 | 2029 |
| 2030 | 2030 | 2030 | 2030 |
| 2031 | 2031 | 2031 | 2031 |
| 2032 | 2032 | 2032 | 2032 |
| 2033 | 2033 | 2033 | 2033 |
| 2034 | 2034 | 2034 | 2034 |
| 2035 | 2035 | 2035 | 2035 |
| 2036 | | | |

[illegible]

1. CLIMATE CLIMATE CLIMATE CLIMATE CLIMATE
 2. CLIMATE CLIMATE CLIMATE CLIMATE CLIMATE
 3. CLIMATE CLIMATE CLIMATE CLIMATE CLIMATE

PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|---------|--------------|-------|-------|
| 1 | 22-1 | | |

HOURS: L. S. Y.

| Temp
F | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | |
|-------------|-------------------------------------|----------------|------------|----------------|----------|------------------------------------|------|------|------|----|----|-------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B.-W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 1 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | | | | |
| Element (X) | Z _{x'} | Z _x | X | F _s | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total | | | | | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | 43.44 | 43.47 | 71.414.502 | 50 F | 32 F | 67 F | 73 F | 80 F | 93 F | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | 24.216 | 24.2 | 51.2.5.44 | 4.22 | | 1.09 | 1.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | 24.212 | 4.244 | 51.2.1.204 | 4.2 | | 1.0 | 1.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | 21.7.89 | 4.2.77 | 47.11.22 | 4.37 | | 7.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

7 :
S A : N

Journal of Management Inquiry 18(6)

STATION NAME

3-2

YEARS

MONTE

NOV 5 1954

[illegible]

USAFETAC FORM 0265 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETYAC

YEARS

321 1235 1 Feb 1961

STATION STATION NAME

MONTE

HOURS: 5-9

USAFETAC FORM 0.26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

CENTRAL CLIMATOLOGY BRANCH
 UNITED STATES AIR FORCE
 WASHINGTON, D. C.

PSYCHROMETRIC SUMMARY

STATION NO. 73 STATION NAME 100th St. YEARS 1951-1952 MONTHS JAN - FEB

| Temp
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL
D.B. W.B. Dry Bulb | TOTAL
Wet Bulb Dew Point |
|-------------|-------------------------------------|---|------------|---|-----------|---|------------|---|----------|---|------------------------------------|----|--------|----|--------|----|--------|----|--------|----|--------|----|----|----|----|----|----|----|----|----|----|----|--|-----------------------------|-----------------------------|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | | | |
| 70 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 72 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 74 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 76 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 78 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 79 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 81 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 82 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 83 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 84 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 85 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 86 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 87 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 88 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 89 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 90 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 91 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 92 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 93 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 94 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 95 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 96 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 97 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 98 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 99 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | ΣX^2 | | ΣX | | \bar{X} | | σ_x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | Total | | | | | | | | | | | | | | | | | | |
| Rel Hum. | | | | | | | | | | | ≤ 0 F | | ≤ 32 F | | ≤ 67 F | | ≤ 73 F | | ≤ 80 F | | ≤ 93 F | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0 26 5 (OL A) JUL 54 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

RECEIVED
FEB 10 1964

PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH | HOURS |
|---------|--------------|-------|-------|-------|
| | | | | |

[illegible]

423

YEARS

$$\frac{1}{2} - \frac{1}{2} = 0$$

PSYCHROMETRIC SUMMARY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

1-5-17
HOURS: 5-7

PSYCHROMETRIC SUMMARY

STATION NAME _____ YEARS _____ MONTH _____

HOURS _____

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|--------------------|----------|-----------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 100 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 3.2 | 3.3 | 3.4 | 3.5 | 3.6 | 3.7 | 3.8 | 3.9 | 4.0 | 4.1 | 4.2 | 4.3 | 4.4 | 4.5 | 4.6 | 4.7 | 4.8 | 4.9 | 5.0 | 5.1 | 5.2 | 5.3 | 5.4 | 5.5 | 5.6 | 5.7 | 5.8 | 5.9 | 6.0 | 6.1 | 6.2 | 6.3 | 6.4 | 6.5 | 6.6 | 6.7 | 6.8 | 6.9 | 7.0 | 7.1 | 7.2 | 7.3 | 7.4 | 7.5 | 7.6 | 7.7 | 7.8 | 7.9 | 8.0 | 8.1 | 8.2 | 8.3 | 8.4 | 8.5 | 8.6 | 8.7 | 8.8 | 8.9 | 9.0 | 9.1 | 9.2 | 9.3 | 9.4 | 9.5 | 9.6 | 9.7 | 9.8 | 9.9 | 10.0 | 74.5 | 74.5 | 74.5 |
| 99 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 3.2 | 3.3 | 3.4 | 3.5 | 3.6 | 3.7 | 3.8 | 3.9 | 4.0 | 4.1 | 4.2 | 4.3 | 4.4 | 4.5 | 4.6 | 4.7 | 4.8 | 4.9 | 5.0 | 5.1 | 5.2 | 5.3 | 5.4 | 5.5 | 5.6 | 5.7 | 5.8 | 5.9 | 6.0 | 6.1 | 6.2 | 6.3 | 6.4 | 6.5 | 6.6 | 6.7 | 6.8 | 6.9 | 7.0 | 7.1 | 7.2 | 7.3 | 7.4 | 7.5 | 7.6 | 7.7 | 7.8 | 7.9 | 8.0 | 8.1 | 8.2 | 8.3 | 8.4 | 8.5 | 8.6 | 8.7 | 8.8 | 8.9 | 9.0 | 9.1 | 9.2 | 9.3 | 9.4 | 9.5 | 9.6 | 9.7 | 9.8 | 9.9 | 10.0 | 74.5 | 74.5 | 74.5 |
| 98 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 3.2 | 3.3 | 3.4 | 3.5 | 3.6 | 3.7 | 3.8 | 3.9 | 4.0 | 4.1 | 4.2 | 4.3 | 4.4 | 4.5 | 4.6 | 4.7 | 4.8 | 4.9 | 5.0 | 5.1 | 5.2 | 5.3 | 5.4 | 5.5 | 5.6 | 5.7 | 5.8 | 5.9 | 6.0 | 6.1 | 6.2 | 6.3 | 6.4 | 6.5 | 6.6 | 6.7 | 6.8 | 6.9 | 7.0 | 7.1 | 7.2 | 7.3 | 7.4 | 7.5 | 7.6 | 7.7 | 7.8 | 7.9 | 8.0 | 8.1 | 8.2 | 8.3 | 8.4 | 8.5 | 8.6 | 8.7 | 8.8 | 8.9 | 9.0 | 9.1 | 9.2 | 9.3 | 9.4 | 9.5 | 9.6 | 9.7 | 9.8 | 9.9 | 10.0 | 74.5 | 74.5 | 74.5 |
| 97 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 3.2 | 3.3 | 3.4 | 3.5 | 3.6 | 3.7 | 3.8 | 3.9 | 4.0 | 4.1 | 4.2 | 4.3 | 4.4 | 4.5 | 4.6 | 4.7 | 4.8 | 4.9 | 5.0 | 5.1 | 5.2 | 5.3 | 5.4 | 5.5 | 5.6 | 5.7 | 5.8 | 5.9 | 6.0 | 6.1 | 6.2 | 6.3 | 6.4 | 6.5 | 6.6 | 6.7 | 6.8 | 6.9 | 7.0 | 7.1 | 7.2 | 7.3 | 7.4 | 7.5 | 7.6 | 7.7 | 7.8 | 7.9 | 8.0 | 8.1 | 8.2 | 8.3 | 8.4 | 8.5 | 8.6 | 8.7 | 8.8 | 8.9 | 9.0 | 9.1 | 9.2 | 9.3 | 9.4 | 9.5 | 9.6 | 9.7 | 9.8 | 9.9 | 10.0 | 74.5 | 74.5 | 74.5 |
| 96 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 3.2 | 3.3 | 3.4 | 3.5 | 3.6 | 3.7 | 3.8 | 3.9 | 4.0 | 4.1 | 4.2 | 4.3 | 4.4 | 4.5 | 4.6 | 4.7 | 4.8 | 4.9 | 5.0 | 5.1 | 5.2 | 5.3 | 5.4 | 5.5 | 5.6 | 5.7 | 5.8 | 5.9 | 6.0 | 6.1 | 6.2 | 6.3 | 6.4 | 6.5 | 6.6 | 6.7 | 6.8 | 6.9 | 7.0 | 7.1 | 7.2 | 7.3 | 7.4 | 7.5 | 7.6 | 7.7 | 7.8 | 7.9 | 8.0 | 8.1 | 8.2 | 8.3 | 8.4 | 8.5 | 8.6 | 8.7 | 8.8 | 8.9 | 9.0 | 9 | | | | | | | | | | | | |

1. GENERAL CLIMATE/CLIMATE RESEARCH
2. CLIMATE DATA & SERVICES/AL

PSYCHROMETRIC SUMMARY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

[illegible]

JOINT CLIMATELOGY BRANCH
CONTACT
RESEARCHERS SERVING AREA

PSYCHROMETRIC SUMMARY

133
STATION

1 FROM REF 1
STATION NAME

1-22
YEARS

1
MONTH

1
HOURS

1
MIN

1
SEC

[illegible]

PSYCHROMETRIC SUMMARY

73 10300 WFO IN
STATION STATION NAME

١٠٠

YEARS

— **Mon:**

120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 1040 1041 1042 1043 1044 1045 1046 1047 1048 1049 1050 1051 1052 1053 1054 1055 1056 1057 1058 1059 1060 1061 1062 1063 1064 1065 1066 1067 1068 1069 1070 1071 1072 1073 1074 1075 1076 1077 1078 1079 1080 1081 1082 1083 1084 1085 1086 1087 1088 1089 1090 1091 1092 1093 1094 1095 1096 1097 1098 1099 1100 1101 1102 1103 1104 1105 1106 1107 1108 1109 1110 1111 1112 1113 1114

[illegible]

YEARS MONTH HOURS

| STATION | STATION NAME | YEARS | MONTH |
|---------|--------------|-------|-------|
| 13 | 1300 RT 1 | 73-1 | 12 |

[illegible]

AL CLINTON CO ALCH

PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH | HOURS |
|---------|--------------|-------|-------|-------|
| 1 | 2 | 3 | 4 | 5 |

[illegible]

91 027: 1991 027 027 027

THE
AT 51 VIC 7-50

PSYCHROMETRIC SUMMARY

33 15100 44 11

STATION STATION NAME

13-52

YEARS

MONTH

TABLE 1
MATERIALS

ALLEGATIONS OF A BOMB
THE
PATH OF CLOSING

PSYCHROMETRIC SUMMARY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____
 HOURS _____

[illegible]

HAL CLIMATOLOGY BRANCH
 12/10/60
 1010 1010 1010 1010

PSYCHROMETRIC SUMMARY

STATION STATION NAME

13-10

YEARS

MONTHS

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED
DATE 01-11-2001 BY 60322 UCBAW

PSYCHROMETRIC SUMMARY

33
STATION

STATION NAME

13-5

YEARS

MONTH

MOUSE

[illegible]

1. CLIMATE

PSYCHROMETRIC SUMMARY

STATION 138 STATION NAME 13-60 YEARS 138 MONTH 138

[illegible]

PSYCHROMETRIC SUMMARY

PA. 1 2-11-53
HOURS 11.5. Y.

USAFETAC

1. MEDICAL CLIMATE/LOGY BRANCH
2. MEDICAL CLIMATE/LOGY BRANCH
3. MEDICAL CLIMATE/LOGY BRANCH

PSYCHROMETRIC SUMMARY

STATION 73-82 STATION NAME 73-82 YEARS 73-82 MONTH 73-82

[illegible]

GENERAL CLIMATOLOGY SEARCH
METAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

| | | | |
|---------|---------------|-------|-------|
| 732 | 4. ISOM AF 11 | 12-80 | 11 |
| STATION | STATION NAME | YEARS | MONTH |

PAGE 1

HOURS 1 5 9

[illegible]

FORM
NU 44
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

RECEIVED
FEB 11 1964
FBI - NEW YORK

PSYCHROMETRIC SUMMARY

STATION NAME

13-4-

YEARS

MÓN*

HOURS: 1.5

[illegible]

AL CLIMATOLOGY DATA CH
LTAC
DATE: 30 JUL 77

PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|---------|--------------|-------|-------|
| 1123 | 1123 | 1123 | 1123 |

7. A. 1. 11. 5.

[illegible]

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED
DATE 08-11-2010 BY 60322 UCBAW/STP

PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|---------|--------------|-------|-------|
|---------|--------------|-------|-------|

NO. 15

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AD-A131 198

GRISOM AFB INDIANA REVISED UNIFORM SUMMARY OF SURFACE
WEATHER OBSERVATIO..(U) AIR FORCE ENVIRONMENTAL
TECHNICAL APPLICATIONS CENTER SCOTT A.. JUL 83

5/5

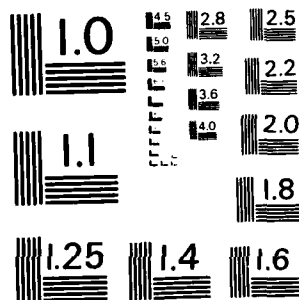
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USAFETAC/DS-83/026 SBI-AD-E850 404

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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

CLIMATE CLIMATOLOGY RESEARCH
UNIT
CLIMATE SERVICE/AC

PSYCHROMETRIC SUMMARY

330 0 1050M APR 1
STATION STATION NAME

72-42

YEARS

MONTH

1999

“...and the...”

HOURS 11.5. 7.1

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

USAFETAC FORM JUL 64

PSYCHROMETRIC SUMMARY

YEARS

2.1
MONTH

220

007-0505

HOURS: 11 A.M. - 5 P.M.

[illegible]

AIRCRAFT CLIMATOLOGY BRANCH
 AIRCRAFT
 AIRCRAFT SERVICE/MAC

PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|---------|--------------|-------|-------|
| 1000 | 1000 | 1000 | 1000 |

HOURS (L. S. T.)

[illegible]

TELEAL CLIMATOLOGY BRANCH
 100-100
 100-100

PSYCHROMETRIC SUMMARY

321
STATION

MISSON AF. I.
STATION NAME

23-42

YEARS

MONTH

14.1 1.25-1.4
HOURS 11.5.7.1

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FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

U.S. AIR FORCE
 AIRCRAFT ENGINEERING RESEARCH
 LABORATORY
 WRIGHT-PATTERSON AIR FORCE BASE, OHIO

PSYCHROMETRIC SUMMARY

STATION NO. 33-1 STATION NAME WRIGHT-PATTERSON AIR FORCE BASE, OHIO YEARS 1954-1955 MONTH JANUARY

PAGE 1 1-1-55-1000
 HOURS (L.S.T.)

| Temp (F) | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | TOTAL D.B. | TOTAL W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point | |
|------------------------------------|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|------------|------------|----------------|----------------|-----------------|--|
| 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 72 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 74 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 76 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 83 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 84 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 97 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 98 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 99 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Σx' | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Σx | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| \bar{x} | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| σ_x | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| No. Obs. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

U. S. AIR FORCE CLIMATE CENTER
 1705 MILITARY AVENUE
 ALEXANDRIA, VIRGINIA 22304-6145

PSYCHROMETRIC SUMMARY

| | |
|---------|---------------|
| 331 | 010004 ZFL 14 |
| STATION | STATION NAME |

42-43

YEARS

41
MONTH

71-6071-
HOURS 11.5.71

[illegible]

.. 21AC

DATE: 5-11-68

PSYCHROMETRIC SUMMARY

ISSN _____
STATION STATION NAME

23-62

YEARS

MONTH

; ,

HOURS 11.5. 1.1.

[illegible]

YEARS

| | |
|---------|--------------|
| 330 | MISSISSIPPI |
| STATION | STATION NAME |

13-5?

: 56

MONTH

7. 2. 6

7-000-0000
HOURS (L.S.T.)

JSAFETAC FORM 0.26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

NATIONAL CLIMATOLOGY SERVICE
METAC
AIR DATA 2.5 MIC/KAL

PSYCHROMETRIC SUMMARY

STATION 300 STATION NAME 10574 1F 10 YEARS 73-80 MONTH 12
PART 1 HOURS (U.S. TIME)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | | TOTAL | | | |
|-------------|-------------------------------------|----------------|------|----------------|----------|------------------------------------|--------|--------|--------|--------|--------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|------|------|----------|----------|-----------|--|--|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. | W.B. | Dry Bulb | Wet Bulb | Dew Point | | |
| 73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 74 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 76 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 78 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 79 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 81 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 82 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 83 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 84 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 85 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 96 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 97 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 98 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 99 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | |
| Element (X) | Z _g | Z _x | X | g _x | No. Obs. | Mean No. of Hours with Temperature | | | | | Total | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | 11.331 | 72.1 | 82.1 | 8.221 | 9.00 | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | 2354.3 | 524.7 | 52.4 | 3.134 | 9.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | 2162.3 | 527.1 | 52.3 | 2.152 | 9.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | 2023.1 | 485.7 | 53.2 | 9.101 | 9.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OLAI) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

PSYCHROMETRIC SUMMARY

| STATION | STATION NAME |
|---------|--------------|
|---------|--------------|

1000

YEARS

MONTH

28. 1 1

References

| Temp. | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|-------|-------------------------------------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|
| F | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 70 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 71 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 72 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 73 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 74 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 75 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 76 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 77 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 78 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 79 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 81 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 82 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 83 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 84 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 85 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 86 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 87 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 88 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 89 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 90 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 91 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 92 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 93 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 94 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

$$J^* = \varepsilon^2$$

STATION

STATION NAME

YEARS

MONTH

23. 1

1 -15-

HOURS 11.5.7.

[illegible]

PSYCHROMETRIC SUMMARY

12-331 1961 AF 15
STATION STATION NAME

12-22

YEARS

MONTH

FAS:

HOURS 11.5. P.

[illegible]

PSYCHROMETRIC SUMMARY

0 15000 AF IN

STATION NAME

17-6.

YEARS

MONTA

1. A. 2. B. 3. C. 4. D. 5. E.

441

HOURS S. T.

[illegible]

PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|---------|--------------|-------|-------|
| | | | |

MOVERS (L S T)

[illegible]

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED
DATE 01-01-2001 BY 60322 UCBAW

PSYCHROMETRIC SUMMARY

AL CLIMATOLOGY BRANCH
TAC
DATE 01 DEC 72

PSYCHROMETRIC SUMMARY

| | | | |
|---------|--------------|-------|------------|
| STATION | STATION NAME | YEARS | MONTH |
| | | | 1960-1961 |
| | | | HOURS 15.7 |

[illegible]

AL CLIMATOLOGY BRANCH
METAC
METAC

PSYCHROMETRIC SUMMARY

| STATION NAME | YEARS | MONTH | HOURS |
|--------------|-------|-------|-------|
| 7-11 | 1954 | 11 | 11 |

[illegible]

PSYCHROMETRIC SUMMARY

77-50

STATION

STATION NAME

YEARS

MONTH

1990

100-1713

HOURS: 1 5 7

USAFETAC FORM 0-26-5 (OLA) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U.S. AIR FORCE
AFMPC
AFMPC

PSYCHROMETRIC SUMMARY

17 334 11 15500 AF 3 IN

13-57

STATION

STATION NAME

YEARS

MONTH

122-2

HOURS L. S. T.

AL CLIMATOLOGICAL BRANCH

PSYCHROMETRIC SUMMARY

30
STAN

STATION NAME

YEARS

MONTH

01 3-27
HOURS: 1 5 7

[illegible]

MOSES

USAFETAC FORM 0 26-5 (OLA) RECEIVED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL CLIMATOLOGY BRANCH
METAC
FATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

200 0 ISSOT Fd I
STATION STATION NAME

10-10-10

YEARS

12 MONTH

PL 55 2

[illegible]

PSYCHROMETRIC SUMMARY

73 6 TOSOM AF. 29.

STAT ON

STATION NAME

YEARS

MONTH

HOURS: 5-9

[illegible]

JOINT CLIMATE/CLIMATOLOGY BRANCH
OFFICE
METEOROLOGICAL SERVICE, CANADA

PSYCHROMETRIC SUMMARY

| | |
|---------|---------------|
| 331 | 0 TUSON AF 14 |
| STATION | STATION NAME |

22-50

YEARS

3

MONTH

1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 26

2000

HOURS 11.5. 7.

[illegible]

USAFETAC

[illegible]

AL CLIMATOLOGO, Y A LOS...

2

1. 2. 3.

AT. 57120 / 60

PSYCHROMETRIC SUMMARY

STATION

1. *Chlorophyll a* (Chl *a*)

STATION NAME

YEARS

MONTH

1-1-1944
HOURS L. S. T.

[illegible]

| | | | |
|---------|--------------|-------|--------------|
| STATION | STATION NAME | YEARS | MONTH |
| | | | 1940-1941 |
| | | | HOURS U.S.T. |

USAFETAC FORM 0 26 5 (OLA)
JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GENERAL CLIMATOLOGY BRANCH
 1000 1000
 1000 1000

PSYCHROMETRIC SUMMARY

STATION 336 15500 AF 12-57 YEARS MONTH 17 HOURS 5

| Temp
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|-------------|-------------------------------------|-----|-----|-----|-----|------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----------|----------|----------|-----------|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | |
| / 75 | | | | | | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 74 | | | | | | | .2 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 73 | | | | | | | .3 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 72 | | | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 71 | | | .2 | .2 | .2 | .2 | .2 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 70 | .1 | .1 | .2 | .2 | .2 | .2 | .2 | .2 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 69 | | .1 | .2 | .2 | .2 | .2 | .2 | .2 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 68 | | | .2 | .2 | .2 | .2 | .2 | .2 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 67 | | | .2 | .2 | .2 | .2 | .2 | .2 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 66 | .1 | .1 | .2 | .2 | .2 | .2 | .2 | .2 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 65 | | .1 | .2 | .2 | .2 | .2 | .2 | .2 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 64 | | | .2 | .2 | .2 | .2 | .2 | .2 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 63 | | | .2 | .2 | .2 | .2 | .2 | .2 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 62 | | | .2 | .2 | .2 | .2 | .2 | .2 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 61 | | | .2 | .2 | .2 | .2 | .2 | .2 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 60 | | | .2 | .2 | .2 | .2 | .2 | .2 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 59 | | | .2 | .2 | .2 | .2 | .2 | .2 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 58 | | | .2 | .2 | .2 | .2 | .2 | .2 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 57 | | | .2 | .2 | .2 | .2 | .2 | .2 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 56 | | | .2 | .2 | .2 | .2 | .2 | .2 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 55 | | | .2 | .2 | .2 | .2 | .2 | .2 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 54 | | | .2 | .2 | .2 | .2 | .2 | .2 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 53 | | | .2 | .2 | .2 | .2 | .2 | .2 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 52 | | | .2 | .2 | .2 | .2 | .2 | .2 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 51 | | | .2 | .2 | .2 | .2 | .2 | .2 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 50 | | | .2 | .2 | .2 | .2 | .2 | .2 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 49 | | | .2 | .2 | .2 | .2 | .2 | .2 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 48 | | | .2 | .2 | .2 | .2 | .2 | .2 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 47 | | | .2 | .2 | .2 | .2 | .2 | .2 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 46 | | | .2 | .2 | .2 | .2 | .2 | .2 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 45 | | | .2 | .2 | .2 | .2 | .2 | .2 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 44 | | | .2 | .2 | .2 | .2 | .2 | .2 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 43 | | | .2 | .2 | .2 | .2 | .2 | .2 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 42 | | | .2 | .2 | .2 | .2 | .2 | .2 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 41 | | | .2 | .2 | .2 | .2 | .2 | .2 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 40 | | | .2 | .2 | .2 | .2 | .2 | .2 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 39 | | | .2 | .2 | .2 | .2 | .2 | .2 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 38 | | | .2 | .2 | .2 | .2 | .2 | .2 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 37 | | | .2 | .2 | .2 | .2 | .2 | .2 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 36 | | | .2 | .2 | .2 | .2 | .2 | .2 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 35 | | | .2 | .2 | .2 | .2 | .2 | .2 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 34 | | | .2 | .2 | .2 | .2 | .2 | .2 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 33 | | | .2 | .2 | .2 | .2 | .2 | .2 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 32 | | | .2 | .2 | .2 | .2 | .2 | .2 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 31 | | | .2 | .2 | .2 | .2 | .2 | .2 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 30 | | | .2 | .2 | .2 | .2 | .2 | .2 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 29 | | | .2 | .2 | .2 | .2 | .2 | .2 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 28 | | | .2 | .2 | .2 | .2 | .2 | .2 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 27 | | | .2 | .2 | .2 | .2 | .2 | .2 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 26 | | | .2 | .2 | .2 | .2 | .2 | .2 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 25 | | | .2 | .2 | .2 | .2 | .2 | .2 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 24 | | | .2 | .2 | .2 | .2 | .2 | .2 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 23 | | | .2 | .2 | .2 | .2 | .2 | .2 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 22 | | | .2 | .2 | .2 | .2 | .2 | .2 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 21 | | | .2 | .2 | .2 | .2 | .2 | .2 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 20 | | | .2 | .2 | .2 | .2 | .2 | .2 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 19 | | | .2 | .2 | .2 | .2 | .2 | .2 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 18 | | | .2 | .2 | .2 | .2 | .2 | .2 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 17 | | | .2 | .2 | .2 | .2 | .2 | .2 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 16 | | | .2 | .2 | .2 | .2 | .2 | .2 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 15 | | | .2 | .2 | .2 | .2 | .2 | .2 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 14 | | | .2 | .2 | .2 | .2 | .2 | .2 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 13 | | | .2 | .2 | .2 | .2 | .2 | .2 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 12 | | | .2 | .2 | .2 | .2 | .2 | .2 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 11 | | | .2 | .2 | .2 | .2 | .2 | .2 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 10 | | | .2 | .2 | .2 | .2 | .2 | .2 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 9 | | | .2 | .2 | .2 | .2 | .2 | .2 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 8 | | | .2 | .2 | .2 | .2 | .2 | .2 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 7 | | | .2 | .2 | .2 | .2 | .2 | .2 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 6 | | | .2 | .2 | .2 | .2 | .2 | .2 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 5 | | | .2 | .2 | .2 | .2 | .2 | .2 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 4 | | | .2 | .2 | .2 | .2 | .2 | .2 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 3 | | | .2 | .2 | .2 | .2 | .2 | .2 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 2 | | | .2 | .2 | .2 | .2 | .2 | .2 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 1 | | | .2 | .2 | .2 | .2 | .2 | .2 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 0 | | | .2 | .2 | .2 | .2 | .2 | .2 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| / -1 | | | .2 | .2 | .2 | .2 | .2 | .2 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| / -2 | | | .2 | .2 | .2 | .2 | .2 | .2 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| / -3 | | | .2 | .2 | .2 | .2 | .2 | .2 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| / -4 | | | .2 | .2 | .2 | .2 | .2 | .2 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | |

GENERAL CLIMATE DIVISION
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PSYCHROMETRIC SUMMARY

| | | | | |
|----------------|-------------|-------------|-------------|--------------|
| <u>STATION</u> | <u>DATE</u> | <u>TIME</u> | <u>YEAR</u> | <u>MONTH</u> |
| | | | | |
| | | | | HOURS MIN. |

[illegible]

ALL CLIMATE/CLIMATE CHANGE
STAG
FATHER/DAUGHTER/SON

PSYCHROMETRIC SUMMARY

STATION NAME _____ YEARS _____ MONTH _____

_____ HOURS _____

[illegible]

2

AL CLIMATOLOGY BRANCH

STATION

STATION NAME

PSYCHROMETRIC SUMMARY

STATION

STATION NAME

73-67

YEARS

MONTH

HOURS

| Temp
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. - W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17.0 | 0.4 | 0.7 | 1.0 | 1.4 | 1.8 | 2.1 | 2.5 | 2.9 | 3.3 | 3.7 | 4.1 | 4.5 | 4.9 | 5.3 | 5.7 | 6.1 | 6.5 | 6.9 | 7.3 | 7.7 | 8.1 | 8.5 | 8.9 | 9.3 | 9.7 | 10.1 | 10.5 | 10.9 | 11.3 | 11.7 | 12.1 | 12.5 | 12.9 | 13.3 | 13.7 | 14.1 | 14.5 | 14.9 | 15.3 | 15.7 | 16.1 | 16.5 | 16.9 | 17.3 | 17.7 | 18.1 | 18.5 | 18.9 | 19.3 | 19.7 | 20.1 | 20.5 | 20.9 | 21.3 | 21.7 | 22.1 | 22.5 | 22.9 | 23.3 | 23.7 | 24.1 | 24.5 | 24.9 | 25.3 | 25.7 | 26.1 | 26.5 | 26.9 | 27.3 | 27.7 | 28.1 | 28.5 | 28.9 | 29.3 | 29.7 | 30.1 | 30.5 | 30.9 | 31.3 | 31.7 | 32.1 | 32.5 | 32.9 | 33.3 | 33.7 | 34.1 | 34.5 | 34.9 | 35.3 | 35.7 | 36.1 | 36.5 | 36.9 | 37.3 | 37.7 | 38.1 | 38.5 | 38.9 | 39.3 | 39.7 | 40.1 | 40.5 | 40.9 | 41.3 | 41.7 | 42.1 | 42.5 | 42.9 | 43.3 | 43.7 | 44.1 | 44.5 | 44.9 | 45.3 | 45.7 | 46.1 | 46.5 | 46.9 | 47.3 | 47.7 | 48.1 | 48.5 | 48.9 | 49.3 | 49.7 | 50.1 | 50.5 | 50.9 | 51.3 | 51.7 | 52.1 | 52.5 | 52.9 | 53.3 | 53.7 | 54.1 | 54.5 | 54.9 | 55.3 | 55.7 | 56.1 | 56.5 | 56.9 | 57.3 | 57.7 | 58.1 | 58.5 | 58.9 | 59.3 | 59.7 | 60.1 | 60.5 | 60.9 | 61.3 | 61.7 | 62.1 | 62.5 | 62.9 | 63.3 | 63.7 | 64.1 | 64.5 | 64.9 | 65.3 | 65.7 | 66.1 | 66.5 | 66.9 | 67.3 | 67.7 | 68.1 | 68.5 | 68.9 | 69.3 | 69.7 | 70.1 | 70.5 | 70.9 | 71.3 | 71.7 | 72.1 | 72.5 | 72.9 | 73.3 | 73.7 | 74.1 | 74.5 | 74.9 | 75.3 | 75.7 | 76.1 | 76.5 | 76.9 | 77.3 | 77.7 | 78.1 | 78.5 | 78.9 | 79.3 | 79.7 | 80.1 | 80.5 | 80.9 | 81.3 | 81.7 | 82.1 | 82.5 | 82.9 | 83.3 | 83.7 | 84.1 | 84.5 | 84.9 | 85.3 | 85.7 | 86.1 | 86.5 | 86.9 | 87.3 | 87.7 | 88.1 | 88.5 | 88.9 | 89.3 | 89.7 | 90.1 | 90.5 | 90.9 | 91.3 | 91.7 | 92.1 | 92.5 | 92.9 | 93.3 | 93.7 | 94.1 | 94.5 | 94.9 | 95.3 | 95.7 | 96.1 | 96.5 | 96.9 | 97.3 | 97.7 | 98.1 | 98.5 | 98.9 | 99.3 | 99.7 | 100.1 | 100.5 | 100.9 | 101.3 | 101.7 | 102.1 | 102.5 | 102.9 | 103.3 | 103.7 | 104.1 | 104.5 | 104.9 | 105.3 | 105.7 | 106.1 | 106.5 | 106.9 | 107.3 | 107.7 | 108.1 | 108.5 | 108.9 | 109.3 | 109.7 | 110.1 | 110.5 | 110.9 | 111.3 | 111.7 | 112.1 | 112.5 | 112.9 | 113.3 | 113.7 | 114.1 | 114.5 | 114.9 | 115.3 | 115.7 | 116.1 | 116.5 | 116.9 | 117.3 | 117.7 | 118.1 | 118.5 | 118.9 | 119.3 | 119.7 | 120.1 | 120.5 | 120.9 | 121.3 | 121.7 | 122.1 | 122.5 | 122.9 | 123.3 | 123.7 | 124.1 | 124.5 | 124.9 | 125.3 | 125.7 | 126.1 | 126.5 | 126.9 | 127.3 | 127.7 | 128.1 | 128.5 | 128.9 | 129.3 | 129.7 | 130.1 | 130.5 | 130.9 | 131.3 | 131.7 | 132.1 | 132.5 | 132.9 | 133.3 | 133.7 | 134.1 | 134.5 | 134.9 | 135.3 | 135.7 | 136.1 | 136.5 | 136.9 | 137.3 | 137.7 | 138.1 | 138.5 | 138.9 | 139.3 | 139.7 | 140.1 | 140.5 | 140.9 | 141.3 | 141.7 | 142.1 | 142.5 | 142.9 | 143.3 | 143.7 | 144.1 | 144.5 | 144.9 | 145.3 | 145.7 | 146.1 | 146.5 | 146.9 | 147.3 | 147.7 | 148.1 | 148.5 | 148.9 | 149.3 | 149.7 | 150.1 | 150.5 | 150.9 | 151.3 | 151.7 | 152.1 | 152.5 | 152.9 | 153.3 | 153.7 | 154.1 | 154.5 | 154.9 | 155.3 | 155.7 | 156.1 | 156.5 | 156.9 | 157.3 | 157.7 | 158.1 | 158.5 | 158.9 | 159.3 | 159.7 | 160.1 | 160.5 | 160.9 | 161.3 | 161.7 | 162.1 | 162.5 | 162.9 | 163.3 | 163.7 | 164.1 | 164.5 | 164.9 | 165.3 | 165.7 | 166.1 | 166.5 | 166.9 | 167.3 | 167.7 | 168.1 | 168.5 | 168.9 | 169.3 | 169.7 | 170.1 | 170.5 | 170.9 | 171.3 | 171.7 | 172.1 | 172.5 | 172.9 | 173.3 | 173.7 | 174.1 | 174.5 | 174.9 | 175.3 | 175.7 | 176.1 | 176.5 | 176.9 | 177.3 | 177.7 | 178.1 | 178.5 | 178.9 | 179.3 | 179.7 | 180.1 | 180.5 | 180.9 | 181.3 | 181.7 | 182.1 | 182.5 | 182.9 | 183.3 | 183.7 | 184.1 | 184.5 | 184.9 | 185.3 | 185.7 | 186.1 | 186.5 | 186.9 | 187.3 | 187.7 | 188.1 | 188.5 | 188.9 | 189.3 | 189.7 | 190.1 | 190.5 | 190.9 | 191.3 | 191.7 | 192.1 | 192.5 | 192.9 | 193.3 | 193.7 | 194.1 | 194.5 | 194.9 | 195.3 | 195.7 | 196.1 | 196.5 | 196.9 | 197.3 | 197.7 | 198.1 | 198.5 | 198.9 | 199.3 | 199.7 | 200.1 | 200.5 | 200.9 | 201.3 | 201.7 | 202.1 | 202.5 | 202.9 | 203.3 | 203.7 | 204.1 | 204.5 | 204.9 | 205.3 | 205.7 | 206.1 | 206.5 | 206.9 | 207.3 | 207.7 | 208.1 | 208.5 | 208.9 | 209.3 | 209.7 | 210.1 | 210.5 | 210.9 | 211.3 | 211.7 | 212.1 | 212.5 | 212.9 | 213.3 | 213.7 | 214.1 | 214.5 | 214.9 | 215.3 | 215.7 | 216.1 | 216.5 | 216.9 | 217.3 | 217.7 | 218.1 | 218.5 | 218.9 | 219.3 | 219.7 | 220.1 | 220.5 | 220.9 | 221.3 | 221.7 | 222.1 | 222.5 | 222.9 | 223.3 | 223.7 | 224.1 | 224.5 | 224.9 | 225.3 | 225.7 | 226.1 | 226.5 | 226.9 | 227.3 | 227.7 | 228.1 | 228.5 | 228.9 | 229.3 | 229.7 | 230.1 | 230.5 | 230.9 | 231.3 | 231.7 | 232.1 | 232.5 | 232.9 | 233.3 | 233.7 | 234.1 | 234.5 | 234.9 | 235.3 | 235.7 | 236.1 | 236.5 | 236.9 | 237.3 | 237.7 | 238.1 | 238.5 | 238.9 | 239.3 | 239.7 | 240.1 | 240.5 | 240.9 | 241.3 | 241.7 | 242.1 | 242.5 | 242.9 | 243.3 | 243.7 | 244.1 | 244.5 | 244.9 | 245.3 | 245.7 | 246.1 | 246.5 | 246.9 | 247.3 | 247.7 | 248.1 | 248.5 | 248.9 | 249.3 | 249.7 | 250.1 | 250.5 | 250.9 | 251.3 | 251.7 | 252.1 | 252.5 | 252.9 | 253.3 | 253.7 | 254.1 | 254.5 | 254.9 | 255.3 | 255.7 | 256.1 | 256.5 | 256.9 | 257.3 | 257.7 | 258.1 | 258.5 | 258.9 | 259.3 | 259.7 | 260.1 | 260.5 | 260.9 | 261.3 | 261.7 | 262.1 | 262.5 | 262.9 | 263.3 | 263.7 | 264.1 | 264.5 | 264.9 | 265.3 | 265.7 | 266.1 | 266.5 | 266.9 | 267.3 | 267.7 | 268.1 | 268.5 | 268.9 | 269.3 | 269.7 | 270.1 | 270.5 | 270.9 | 271.3 | 271.7 | 272.1 | 272.5 | 272.9 | 273.3 | 273.7 | 274.1 | 274.5 | 274.9 | 275.3 | 275.7 | 276.1 | 276.5 | 276.9 | 277.3 | 277.7 | 278.1 | 278.5 | 278.9 | 279.3 | 279.7 | 280.1 | 280.5 | 280.9 | 281.3 | 281.7 | 282.1 | 282.5 | 282.9 | 283.3 | 283.7 | 284.1 | 284.5 | 284.9 | 285.3 | 285.7 | 286.1 | 286.5 | 286.9 | 287.3 | 287.7 | 288.1 | 288.5 | 288.9 | 289.3 | 289.7 | 290.1 | 290.5 | 290.9 | 291.3 | 291.7 | 292.1 | 292.5 | 292.9 | 293.3 | 293.7 | 294.1 | 294.5 | 294.9 | 295.3 | 295.7 | 296.1 | 296.5 | 296.9 | 297.3 | 297.7 | 298.1 | 298.5 | 298.9 | 299.3 | 299.7 | 300.1 | 300.5 | 300.9 | 301.3 | 301.7 | 302.1 | 302.5 | 302.9 | 303.3 | 303.7 | 304.1 | 304.5 | 304.9 | 305.3 | 305.7 | 306.1 | 306.5 | 306.9 | 307.3 | 307.7 | 308.1 | 308.5 | 308.9 | 309.3 | 309.7 | 310.1 | 310.5 | 310.9 | 311.3 | 311.7 | 312.1 | 312.5 | 312.9 | 313.3 | 313.7 | 314.1 | 314.5 | 314.9 | 315.3 | 315.7 | 316.1 | 316.5 | 316.9 | 317.3 | 317.7 | 318.1 | 318.5 | 318.9 | 319.3 | 319.7 | 320.1 | 320.5 | 320.9 | 321.3 | 321.7 | 322.1 | 322.5 | 322.9 | 323.3 | 323.7 | 324.1 | 324.5 | 324.9 | 325.3 | 325.7 | 326.1 | 326.5 | 326.9 | 327.3 | 327.7 | 328.1 | 328.5 | 328.9 | 329.3 | 329.7 | 330.1 | 330.5 | 330.9 | 331.3 | 331.7 | 332.1 | 332.5 | 332.9 | 333.3 | 333.7 | 334.1 | 334.5 | 334.9 | 335.3 | 335.7 | 336.1 | 336.5 | 336.9 | 337.3 | 337.7 | 338.1 | 338.5 | 338.9 | 339.3 | 339.7 | 340.1 | 340.5 | 340.9 | 341.3 | 341.7 | 342.1 | 342.5 | 342.9 | 343.3 | 343.7 | 344.1 | 344.5 | 344.9 | 345.3 | 345.7 | 346.1 | 346.5 | 346.9 | 347.3 | 347.7 | 348.1 | 348.5 | 348.9 | 349.3 | 349.7 | 350.1 | 350.5 | 350.9 | 351.3 | 351.7 | 352.1 | 352.5 | 352.9 | 353.3 | 353.7 | 354.1 | 354.5 | 354.9 | 355.3 | 355.7 | 356.1 | 356.5 | 356.9 | 357.3 | 357.7 | 358.1 | 358.5 | 358.9 | 359.3 | 359.7 | 360.1 | 360.5 | 360.9 | 361.3 | 361.7 | 362.1 | 362.5 | 362.9 | 363.3 | 363.7 | 364.1 | 364.5 | 364.9 | 365.3 | 365.7 | 366.1 | 366.5 | 366.9 | 367.3 | 367.7 | 368.1 | 368.5 | 368.9 | 369.3 | 369.7 | 370.1 | 370.5 | 370.9 | 371.3 | 371.7 | 372.1 | 372.5 | 372.9 | 373.3 | 373.7 | 374.1 | 374.5 | 374.9 | 375.3 | 375.7 | 376.1 | 376.5 | 376.9 | 377.3 | 377.7 | 378.1 | 378.5 | 378.9 | 379.3 | 379.7 | 380.1 | 380.5 | 380.9 | 381.3 | 381.7 | 382.1 | 382.5 | 382.9 | 383.3 | 383.7 | 384.1 | 384.5 | 384.9 | 385.3 | 385.7 | 386.1 | 386.5 | 386.9 | 387.3 | 387.7 | 388.1 | 388.5 | 388.9 | 389.3 | 389.7 | 390.1 | 390.5 | 390.9 | 391.3 | 391.7 | 392.1 | 392.5 | 392.9 | 393.3 | 393.7 | 394.1 | 394.5 | 394.9 | 395.3 | 395.7 | 396.1 | 396.5 | 396.9 | 397.3 | 397.7 | 398.1 | 398.5 | 398.9 | 399.3 | 399.7 | 400.1 | 400.5 | 400.9 | 401.3 | 401.7 | 402.1 | 402.5 | 402.9 | 403.3 | 403.7 | 404.1 | 404.5 | 404.9 | 405.3 | 405.7 | 406.1 | 406.5 | 406.9 | 407.3 | 407.7 | 408.1 | 408.5 | 408.9 | 409.3 | 409.7 | 410.1 | 410.5 | 410.9 | 411.3 | 411.7 | 412.1 | 412.5 | 412.9 | 413.3 | 413.7 | 414.1 | 414.5 | 414.9 | 415.3 | 415.7 | 416.1 | 416.5 | 416.9 | 417.3 | 417.7 | 418.1 | 418.5 | 418.9 | 419.3 | 419.7 | 420.1 | 420.5 | 420.9 | 421.3 | 421.7 | 422.1 | 422.5 | 422.9 | 423.3 | 423.7 | 424.1 | 424.5 | 424.9 | 425.3 | 425.7 | 426.1 | 426.5 | 426.9 | 427.3 | 427.7 | 428.1 | 428.5 | 428.9 | 429.3 | 429.7 | 430.1 | 430.5 | 430.9 | 431.3 | 431.7 | 432.1 | 432.5 | 432.9 | 433.3 | 433.7 | 434.1 | 434.5 | 434.9 | 435.3 | 435.7 | 436.1 | 436.5 | 436.9 | 437.3 | 437.7 | 438.1 | 438.5 | 438.9 | 439.3 | 439.7 | 440.1 | 440.5 | 440.9 | 441.3 | 441.7 | 442.1 | 442.5 | 442.9 | 443.3 | 443.7 | 444.1 | 444.5 | 444.9 | 445.3 | 445.7 | 446.1 | 446.5 | 446.9 | 447.3 | 447.7 | 448.1 | 448.5 | 448.9 | 449.3 | 449.7 | 450.1 | 450.5 | 450.9 | 451.3 | 451.7 | 452.1 | 452.5 | 452.9 | 453.3 | 453.7 | 454.1 | 454.5 | 454.9 | 455.3 | 455.7 | 456.1 | 456.5 | 456.9 | 457.3 | 457.7 | 458.1 | 458.5 | 458.9 | 459.3 | 459.7 | 460.1 | 460.5 | 460.9 | 461.3 | 461.7 | 462.1 | 462.5 | 462.9 | 463.3 | 463.7 | 464.1 | 464.5 | 464.9 | 465.3 | 465.7 | 466.1 | 466.5 | 466.9 | 467.3 | 467.7 | 468.1 | 468.5 | 468.9 | 469.3 | 469.7 | 470.1 | 470.5 | 470.9 | 471.3 | 471.7 | 472.1 | 472.5 | 472.9 | 473.3 | 473.7 | 474.1 | 474.5 | 474.9 | 475.3 | 475.7 | 476.1 | 476.5 |

ANNUAL CLIMATOLOGY SEASON
1962-63
STATION: 05010 / 40

STATION _____ STATION NAME _____ YEARS _____ MONTH _____
HOURS _____ S. T. _____

USAFETAC
FORM 0-26.5 (OLA)
REVISED PREVIOUS EDITIONS ON THIS PRE-8M ARE OBSOLETE
JUL 64

AL CLIMATELOGY BRANCH
 METAC
 CLIMATE SERVICE/140

PSYCHROMETRIC SUMMARY

STATION 33 STATION NAME 1300M 170 17 YEARS MONTH

| Temp
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|-------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 100 | .41 | .60 | .10 | .7 | .8 | .4 | | | | | | | | | | | | 9.1 | | | | | | | | | | | | | | | | | |
| 90 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 70 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 60 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 50 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 40 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Element (X) | ΣX^2 | ΣX | \bar{X} | S_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|--------------|------------|-----------|--------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | |
| Rel. Hum. | 214.32 | 67.63 | 7.72 | 11.725 | 900 | | | | | | | |
| Dry Bulb | 18.878 | 67.68 | 4.0 | 10.61 | 900 | | 30.7 | 6.7 | | | | |
| Wet Bulb | 136.179 | 34.51 | 37.81 | 9.53 | 900 | | 1.4 | | | | | |
| Dew Point | 1134.73 | 37.57 | 37.4 | 12.15 | 900 | | 45.3 | | | | | |

PSYCHROMETRIC SUMMARY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____
HOURS _____

[illegible]

PSYCHROMETRIC SUMMARY

ALL
HOURS 6:50

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | | | | | | | | | | | | | | | | | |
|--------------|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|--------------------|--------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. Dry Bulb | Wet Bulb Dew Point | | | | | | | | | | | | | | | | | | | |
| 72.0 | 0.0 | 0.2 | 0.4 | 0.6 | 0.8 | 1.0 | 1.2 | 1.4 | 1.6 | 1.8 | 2.0 | 2.2 | 2.4 | 2.6 | 2.8 | 3.0 | 3.2 | 3.4 | 3.6 | 3.8 | 4.0 | 4.2 | 4.4 | 4.6 | 4.8 | 5.0 | 5.2 | 5.4 | 5.6 | 5.8 | 6.0 | 6.2 | 6.4 | 6.6 | 6.8 | 7.0 | 7.2 | 7.4 | 7.6 | 7.8 | 8.0 | 8.2 | 8.4 | 8.6 | 8.8 | 9.0 | 9.2 | 9.4 | 9.6 | 9.8 | 10.0 | 72.0 | 72.0 |
| 72.1 | 0.0 | 0.2 | 0.4 | 0.6 | 0.8 | 1.0 | 1.2 | 1.4 | 1.6 | 1.8 | 2.0 | 2.2 | 2.4 | 2.6 | 2.8 | 3.0 | 3.2 | 3.4 | 3.6 | 3.8 | 4.0 | 4.2 | 4.4 | 4.6 | 4.8 | 5.0 | 5.2 | 5.4 | 5.6 | 5.8 | 6.0 | 6.2 | 6.4 | 6.6 | 6.8 | 7.0 | 7.2 | 7.4 | 7.6 | 7.8 | 8.0 | 8.2 | 8.4 | 8.6 | 8.8 | 9.0 | 9.2 | 9.4 | 9.6 | 9.8 | 10.0 | 72.1 | 72.1 |
| 72.2 | 0.0 | 0.2 | 0.4 | 0.6 | 0.8 | 1.0 | 1.2 | 1.4 | 1.6 | 1.8 | 2.0 | 2.2 | 2.4 | 2.6 | 2.8 | 3.0 | 3.2 | 3.4 | 3.6 | 3.8 | 4.0 | 4.2 | 4.4 | 4.6 | 4.8 | 5.0 | 5.2 | 5.4 | 5.6 | 5.8 | 6.0 | 6.2 | 6.4 | 6.6 | 6.8 | 7.0 | 7.2 | 7.4 | 7.6 | 7.8 | 8.0 | 8.2 | 8.4 | 8.6 | 8.8 | 9.0 | 9.2 | 9.4 | 9.6 | 9.8 | 10.0 | 72.2 | 72.2 |
| 72.3 | 0.0 | 0.2 | 0.4 | 0.6 | 0.8 | 1.0 | 1.2 | 1.4 | 1.6 | 1.8 | 2.0 | 2.2 | 2.4 | 2.6 | 2.8 | 3.0 | 3.2 | 3.4 | 3.6 | 3.8 | 4.0 | 4.2 | 4.4 | 4.6 | 4.8 | 5.0 | 5.2 | 5.4 | 5.6 | 5.8 | 6.0 | 6.2 | 6.4 | 6.6 | 6.8 | 7.0 | 7.2 | 7.4 | 7.6 | 7.8 | 8.0 | 8.2 | 8.4 | 8.6 | 8.8 | 9.0 | 9.2 | 9.4 | 9.6 | 9.8 | 10.0 | 72.3 | 72.3 |
| 72.4 | 0.0 | 0.2 | 0.4 | 0.6 | 0.8 | 1.0 | 1.2 | 1.4 | 1.6 | 1.8 | 2.0 | 2.2 | 2.4 | 2.6 | 2.8 | 3.0 | 3.2 | 3.4 | 3.6 | 3.8 | 4.0 | 4.2 | 4.4 | 4.6 | 4.8 | 5.0 | 5.2 | 5.4 | 5.6 | 5.8 | 6.0 | 6.2 | 6.4 | 6.6 | 6.8 | 7.0 | 7.2 | 7.4 | 7.6 | 7.8 | 8.0 | 8.2 | 8.4 | 8.6 | 8.8 | 9.0 | 9.2 | 9.4 | 9.6 | 9.8 | 10.0 | 72.4 | 72.4 |
| 72.5 | 0.0 | 0.2 | 0.4 | 0.6 | 0.8 | 1.0 | 1.2 | 1.4 | 1.6 | 1.8 | 2.0 | 2.2 | 2.4 | 2.6 | 2.8 | 3.0 | 3.2 | 3.4 | 3.6 | 3.8 | 4.0 | 4.2 | 4.4 | 4.6 | 4.8 | 5.0 | 5.2 | 5.4 | 5.6 | 5.8 | 6.0 | 6.2 | 6.4 | 6.6 | 6.8 | 7.0 | 7.2 | 7.4 | 7.6 | 7.8 | 8.0 | 8.2 | 8.4 | 8.6 | 8.8 | 9.0 | 9.2 | 9.4 | 9.6 | 9.8 | 10.0 | 72.5 | 72.5 |
| 72.6 | 0.0 | 0.2 | 0.4 | 0.6 | 0.8 | 1.0 | 1.2 | 1.4 | 1.6 | 1.8 | 2.0 | 2.2 | 2.4 | 2.6 | 2.8 | 3.0 | 3.2 | 3.4 | 3.6 | 3.8 | 4.0 | 4.2 | 4.4 | 4.6 | 4.8 | 5.0 | 5.2 | 5.4 | 5.6 | 5.8 | 6.0 | 6.2 | 6.4 | 6.6 | 6.8 | 7.0 | 7.2 | 7.4 | 7.6 | 7.8 | 8.0 | 8.2 | 8.4 | 8.6 | 8.8 | 9.0 | 9.2 | 9.4 | 9.6 | 9.8 | 10.0 | 72.6 | 72.6 |
| 72.7 | 0.0 | 0.2 | 0.4 | 0.6 | 0.8 | 1.0 | 1.2 | 1.4 | 1.6 | 1.8 | 2.0 | 2.2 | 2.4 | 2.6 | 2.8 | 3.0 | 3.2 | 3.4 | 3.6 | 3.8 | 4.0 | 4.2 | 4.4 | 4.6 | 4.8 | 5.0 | 5.2 | 5.4 | 5.6 | 5.8 | 6.0 | 6.2 | 6.4 | 6.6 | 6.8 | 7.0 | 7.2 | 7.4 | 7.6 | 7.8 | 8.0 | 8.2 | 8.4 | 8.6 | 8.8 | 9.0 | 9.2 | 9.4 | 9.6 | 9.8 | 10.0 | 72.7 | 72.7 |
| 72.8 | 0.0 | 0.2 | 0.4 | 0.6 | 0.8 | 1.0 | 1.2 | 1.4 | 1.6 | 1.8 | 2.0 | 2.2 | 2.4 | 2.6 | 2.8 | 3.0 | 3.2 | 3.4 | 3.6 | 3.8 | 4.0 | 4.2 | 4. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

STATION STATION NAME

1945 1950 1955 1960 1965 1970 1975 1980 1981 1985 1990 1995 2000 2005 2010 2015

YEARS MONTH

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FORM 026.5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|---------|--------------|-------|-------|
| 33 | 1800 AF 10 | 72-10 | 10 |

DATE _____
HOURS _____

[illegible]

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED
DATE 08-11-2010 BY 60322 UCBAW/AD

PSYCHROMETRIC SUMMARY

| | | | |
|---------|--------------|-------|-------|
| STATION | STATION NAME | YEARS | MONTH |
| | | | HOURS |

[illegible]

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PSYCHROMETRIC SUMMARY

| | | | |
|---------|--------------|-------|-------|
| STATION | STATION NAME | YEARS | MONTH |
| 38 | 1500 AF 1 | 73-82 | 10 |

HOURS 11. S. Y.

[illegible]

1. AT 10:50 AM / 10:50

MONTY

12-55

| Temp | | WEY BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | | |
|------|--|-------------------------------------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|
| F | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | * 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |

USAFETAC FORM 026-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GENERAL CLIMATOLOGY BRANCH
 UNITED STATES AIR FORCE
 AIR WEATHER SERVICE/AFAC

PSYCHROMETRIC SUMMARY

STATION 33 - ISSON AFB TX 73-10 YEARS 1 MONTH 14 - 14
 STATION NAME HOURS 5

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-------------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31 | D.B. - W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| / -1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / -2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / -3 | | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / -4 | | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / -5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / -6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / -7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / -8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / -9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / -10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / -11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / -12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / -13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / -14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / -15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / -16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / -17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOT | 1.4 | 2.0 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | | | | | | | | | | | | | | | | | | |

| Element (X) | Σx^2 | Σx | \bar{x} | s^2 | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|-------------|--------------|------------|-----------|-------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
| Rel. Hum. | 1016146 | 57254 | 72.11 | 1.46 | 62 | | | | | | | |
| Dry Bulb | 1181915 | 11105 | 37.11 | 1.17 | 62 | | 41.0 | | | | | |
| Wet Bulb | 85149 | 2797 | 3.11 | .55 | 62 | | 5.2 | | | | | |
| Dew Point | 74356 | 2322 | 3.41 | .31 | 62 | | 73.4 | | | | | |

YEARS

337
STATION

C. T. LEE AND F. E. H.

STATION NAME

73-52

MONTH

425

1 - 17

HOURS : L. S. :

USAFETAC
FORM 0-26-5 (OLA)
JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL CLIMATE/DOY 17-100
17-100
17-100

PSYCHROMETRIC SUMMARY

333 1880M AFB IN 22-11 60
STATION STATION NAME YEARS MONTH

1

| Temp
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|-------------|-------------------------------------|-----|-----|-----|-----|-----|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 67 | | | | | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | |
| 68 | | | | | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | | |
| 69 | | | | | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3 | | |
| 70 | .1 | .2 | | | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 4 | | |
| 71 | | .3 | .4 | | .5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 | 5 | | |
| 72 | | .4 | .5 | .6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 | 6 | | |
| 73 | | .5 | .6 | .7 | .8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 7 | 7 | | |
| 74 | | .6 | .7 | .8 | .9 | 1.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | 8 | 8 | | |
| 75 | | .7 | .8 | .9 | 1.0 | 1.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 9 | 9 | | |
| 76 | | .8 | .9 | 1.0 | 1.1 | 1.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | 10 | 10 | | |
| 77 | | .9 | 1.0 | 1.1 | 1.2 | 1.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 11 | 11 | | |
| 78 | .1 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | 12 | 12 | | |
| 79 | | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | 13 | 13 | | |
| 80 | .2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | | | | | | | | | | | | | | | | | | | | | | | | | | | 14 | 14 | | |
| 81 | | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | 15 | 15 | | |
| 82 | .3 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | 16 | 16 | | |
| 83 | | 1.6 | 1.7 | 1.8 | 1.9 | 2.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | 17 | 17 | | |
| 84 | .4 | 1.7 | 1.8 | 1.9 | 2.0 | 2.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 18 | 18 | | |
| 85 | | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | 19 | 19 | | |
| 86 | .5 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 20 | 20 | | |
| 87 | | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | 21 | 21 | | |
| 88 | .6 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | | | | | </ | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|---------|----------------|-------|-------|
| 331 | IS. 28. 5F. 1. | 1962 | 12 |

DATE 21-1-77
HOURS 11.5.77

[illegible]

NATIONAL CLIMATOLOGY BRANCH
 LIAISON
 BATHING STRAIGHTWAY

PSYCHROMETRIC SUMMARY

| | | | |
|---------|--------------|-------|---------------|
| STATION | STATION NAME | YEARS | MONTH |
| 835 | Island 401 | 73-74 | 11 |
| | | | HOURS 1 S. Y. |

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|------|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| / -1 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | |
| / -2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / -3 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | |
| / -4 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | |
| / -5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / -6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / -7 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / -8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / -9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / -10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / -11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / -12 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / -13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / -14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / -15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / -16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| / -17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total | 3.6 | 7.0 | 26.5 | 1.0 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .1 | 224 | 27 | 514 | 214 | | | | | | | | | | | | | | |

AL ALTIMETRY BRANCH
ETAC
CATHY SERVICE BRANCH

PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|---------|---------------------|-------|-------|
| 30 | 0 10000 10000 10000 | 10-1 | 11 |

HOURS 11 S. Y.

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

12 335 6 MISSION AFB IN

73-82

| HR | ST | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|-----------|----|-------|-------|-------|-------|-------|------|------|------|------|-------|-------|-------|--------|
| MEAN | | 21.7 | 25.0 | 36.9 | 46.3 | 56.9 | 65.4 | 70.4 | 68.0 | 61.2 | 49.0 | 40.2 | 29.9 | 47.7 |
| STDEV | | 12.73 | 12.95 | 11.77 | 10.52 | 8.04 | 6.98 | 5.60 | 5.44 | 7.87 | 9.56 | 11.13 | 11.43 | 19.07 |
| TOTAL OBS | | 930 | 845 | 930 | 900 | 930 | 900 | 930 | 929 | 900 | 930 | 900 | 930 | 10954 |
| MEAN | | 20.0 | 23.8 | 35.7 | 44.2 | 54.5 | 63.0 | 68.0 | 66.1 | 59.4 | 47.3 | 39.1 | 29.2 | 46.1 |
| STDEV | | 12.97 | 13.34 | 11.67 | 10.44 | 8.72 | 7.16 | 5.92 | 5.88 | 8.13 | 9.73 | 11.57 | 11.55 | 18.66 |
| TOTAL OBS | | 930 | 846 | 929 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 900 | 930 | 10955 |
| MEAN | | 20.0 | 23.1 | 35.2 | 44.3 | 55.9 | 64.5 | 69.1 | 66.5 | 59.2 | 46.7 | 38.2 | 28.8 | 46.1 |
| STDEV | | 12.23 | 13.56 | 11.34 | 10.30 | 8.96 | 7.05 | 5.83 | 5.99 | 8.28 | 9.48 | 11.58 | 11.66 | 19.24 |
| TOTAL OBS | | 930 | 846 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 900 | 930 | 10956 |
| MEAN | | 1.2 | 25.5 | 39.1 | 50.8 | 63.8 | 71.6 | 76.9 | 74.0 | 67.1 | 53.8 | 41.7 | 30.3 | 51.4 |
| STDEV | | 12.99 | 13.17 | 11.60 | 11.04 | 8.39 | 7.04 | 5.73 | 5.73 | 7.92 | 9.58 | 11.56 | 11.45 | 21.34 |
| TOTAL OBS | | 930 | 846 | 930 | 900 | 930 | 900 | 929 | 930 | 900 | 930 | 900 | 930 | 10954 |
| MEAN | | 24.6 | 29.9 | 43.7 | 56.1 | 68.5 | 76.3 | 81.7 | 78.9 | 73.1 | 61.0 | 46.2 | 33.5 | 56.2 |
| STDEV | | 12.11 | 12.37 | 12.58 | 11.67 | 10.03 | 7.20 | 6.32 | 5.73 | 8.27 | 10.47 | 11.77 | 11.13 | 21.55 |
| TOTAL OBS | | 930 | 846 | 926 | 900 | 929 | 897 | 929 | 930 | 900 | 930 | 900 | 929 | 10946 |
| MEAN | | 25.7 | 31.4 | 45.6 | 57.8 | 69.7 | 77.4 | 82.9 | 80.1 | 74.2 | 61.1 | 46.8 | 34.1 | 57.4 |
| STDEV | | 11.75 | 12.17 | 12.96 | 11.89 | 10.10 | 7.31 | 6.50 | 5.83 | 8.35 | 10.63 | 11.95 | 10.80 | 21.88 |
| TOTAL OBS | | 930 | 846 | 930 | 900 | 930 | 898 | 930 | 930 | 900 | 930 | 900 | 930 | 10954 |
| MEAN | | 23.0 | 28.7 | 42.7 | 54.6 | 66.5 | 74.6 | 80.0 | 76.6 | 69.3 | 55.4 | 43.0 | 31.6 | 54.0 |
| STDEV | | 12.14 | 12.27 | 11.87 | 11.23 | 9.66 | 7.27 | 5.99 | 5.69 | 8.11 | 9.79 | 11.09 | 10.92 | 21.39 |
| TOTAL OBS | | 930 | 846 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 900 | 928 | 10954 |
| MEAN | | 22.0 | 26.5 | 39.3 | 49.5 | 60.8 | 68.9 | 73.9 | 70.9 | 63.5 | 51.3 | 40.9 | 30.4 | 50.0 |
| STDEV | | 12.51 | 12.70 | 11.12 | 10.29 | 8.74 | 6.68 | 5.49 | 5.19 | 7.51 | 9.35 | 10.61 | 11.30 | 19.71 |
| TOTAL OBS | | 930 | 846 | 930 | 900 | 930 | 920 | 930 | 930 | 900 | 929 | 900 | 927 | 10952 |
| MEAN | | 22.0 | 26.7 | 39.8 | 50.4 | 62.1 | 70.2 | 75.4 | 72.6 | 65.9 | 53.1 | 42.0 | 31.0 | 51.1 |
| STDEV | | 12.09 | 13.12 | 12.28 | 12.01 | 10.80 | 8.91 | 8.09 | 7.71 | 9.79 | 11.09 | 11.58 | 11.43 | 20.83 |
| TOTAL OBS | | 1440 | 6767 | 7435 | 7200 | 7439 | 7195 | 7437 | 7439 | 7200 | 7439 | 7200 | 7434 | 67625 |

USAFETAC 12 335 (JLA)

GLOBAL CLIMATOLOGY BRANCH
AFETAC
AF WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

NET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

12-335 GISSOM AFB IN

73-82

| MONTH | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|--------------------|-------|-------|-------|-------|------|------|------|------|------|------|-------|-------|--------|
| MEAN | 23.1 | 23.1 | 34.2 | 42.1 | 51.9 | 61.1 | 65.5 | 64.4 | 57.5 | 45.3 | 37.4 | 28.0 | 44.3 |
| 0-00 | 12.27 | 12.40 | 10.59 | 9.75 | 8.26 | 6.95 | 5.76 | 5.71 | 7.99 | 9.13 | 10.82 | 11.09 | 17.94 |
| STANDARD DEVIATION | 931 | 845 | 930 | 900 | 930 | 900 | 930 | 929 | 900 | 930 | 900 | 927 | 10951 |
| MEAN | 19.4 | 22.0 | 33.2 | 40.7 | 50.4 | 58.7 | 64.1 | 63.2 | 56.3 | 44.1 | 36.6 | 27.4 | 43.1 |
| -05 | 12.08 | 12.82 | 10.73 | 9.83 | 8.48 | 7.18 | 5.96 | 5.99 | 8.18 | 9.27 | 10.76 | 11.27 | 17.86 |
| STANDARD DEVIATION | 931 | 846 | 929 | 910 | 930 | 900 | 929 | 930 | 900 | 930 | 900 | 927 | 10951 |
| MEAN | 18.8 | 21.4 | 32.0 | 40.6 | 51.5 | 59.8 | 65.0 | 63.5 | 56.3 | 43.8 | 35.9 | 27.1 | 43.1 |
| -10 | 12.02 | 13.10 | 10.38 | 9.69 | 8.54 | 6.99 | 5.75 | 6.04 | 8.25 | 9.14 | 10.73 | 11.38 | 18.33 |
| STANDARD DEVIATION | 931 | 846 | 927 | 910 | 930 | 900 | 925 | 930 | 900 | 930 | 900 | 927 | 10945 |
| MEAN | 18.3 | 23.5 | 35.6 | 44.8 | 56.0 | 63.5 | 68.9 | 67.7 | 60.9 | 48.5 | 38.5 | 29.3 | 46.4 |
| -11 | 12.02 | 12.57 | 10.79 | 9.68 | 8.27 | 6.47 | 5.22 | 5.43 | 7.62 | 8.62 | 10.57 | 11.12 | 19.06 |
| STANDARD DEVIATION | 931 | 846 | 927 | 900 | 930 | 900 | 921 | 929 | 900 | 930 | 900 | 928 | 10941 |
| MEAN | 22.3 | 27.0 | 38.8 | 47.8 | 58.0 | 65.2 | 70.3 | 69.4 | 63.0 | 51.5 | 41.3 | 30.8 | 48.9 |
| 1-16 | 11.03 | 11.47 | 11.06 | 9.65 | 8.08 | 6.31 | 5.23 | 5.53 | 7.64 | 8.62 | 10.74 | 10.65 | 18.50 |
| STANDARD DEVIATION | 930 | 846 | 924 | 900 | 929 | 897 | 924 | 925 | 897 | 929 | 900 | 929 | 10930 |
| MEAN | 23.3 | 28.1 | 40.0 | 48.7 | 58.3 | 65.3 | 70.6 | 69.7 | 63.1 | 51.7 | 41.5 | 31.2 | 49.4 |
| 1-17 | 11.16 | 11.16 | 11.14 | 9.55 | 7.80 | 6.15 | 5.07 | 5.51 | 7.51 | 8.53 | 10.79 | 10.36 | 18.18 |
| STANDARD DEVIATION | 930 | 846 | 930 | 899 | 930 | 898 | 928 | 929 | 900 | 930 | 900 | 927 | 10947 |
| MEAN | 21.7 | 26.1 | 38.3 | 47.0 | 56.8 | 64.1 | 69.8 | 68.5 | 61.3 | 48.9 | 39.3 | 29.5 | 47.7 |
| 1-20 | 11.73 | 11.51 | 10.78 | 9.52 | 7.82 | 6.27 | 5.23 | 5.50 | 7.68 | 8.64 | 10.61 | 10.63 | 18.43 |
| STANDARD DEVIATION | 930 | 846 | 930 | 900 | 930 | 900 | 929 | 930 | 900 | 930 | 900 | 923 | 10948 |
| MEAN | 20.7 | 24.3 | 36.1 | 44.3 | 54.2 | 61.9 | 67.4 | 66.1 | 58.7 | 46.7 | 37.8 | 28.4 | 45.7 |
| 1-23 | 12.09 | 12.10 | 10.51 | 9.47 | 7.94 | 6.58 | 5.42 | 5.51 | 7.67 | 8.83 | 10.55 | 10.95 | 18.12 |
| STANDARD DEVIATION | 930 | 846 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 929 | 900 | 924 | 10949 |
| MEAN | 20.7 | 24.4 | 36.1 | 44.5 | 54.7 | 62.3 | 67.7 | 66.5 | 59.6 | 47.6 | 38.5 | 28.8 | 46.1 |
| 1-24 | 12.19 | 12.36 | 11.07 | 10.08 | 8.64 | 7.04 | 5.96 | 6.16 | 8.25 | 9.31 | 10.86 | 11.02 | 18.45 |
| STANDARD DEVIATION | 7440 | 6767 | 7427 | 7199 | 7439 | 7195 | 7416 | 7432 | 7197 | 7438 | 7200 | 7412 | 87562 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

72-335 6-I SOM AFB IN

73-82

| | AN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | ANN A | |
|-----------|--------|--------|--------|--------|--------|-------|-------|-------|--------|--------|--------|--------|--------|
| MEAN | 14.7 | 17.4 | 29.6 | 36.9 | 47.3 | 56.3 | 62.6 | 62.1 | 54.7 | 41.2 | 33.3 | 23.4 | 41.1 |
| 0-0 | 14.456 | 14.494 | 12.228 | 11.011 | 10.035 | 8.266 | 6.880 | 6.552 | 9.012 | 10.140 | 12.231 | 12.802 | 15.491 |
| TOTAL OBS | 73 | 845 | 930 | 900 | 930 | 900 | 930 | 929 | 900 | 930 | 900 | 927 | 10951 |
| MEAN | 14.0 | 16.5 | 26.9 | 36.1 | 46.5 | 55.5 | 61.7 | 61.3 | 53.9 | 40.6 | 32.6 | 22.9 | 39.3 |
| -5 | 14.796 | 15.020 | 12.425 | 10.979 | 9.961 | 8.223 | 6.803 | 6.574 | 9.001 | 10.064 | 12.207 | 12.954 | 15.509 |
| TOTAL OBS | 93 | 846 | 929 | 900 | 930 | 900 | 929 | 930 | 900 | 930 | 900 | 927 | 10951 |
| MEAN | 13.3 | 16.1 | 26.6 | 35.9 | 47.4 | 56.4 | 62.6 | 61.7 | 54.0 | 40.5 | 32.1 | 22.6 | 39.4 |
| -10 | 15.081 | 15.228 | 12.634 | 10.911 | 9.945 | 8.137 | 6.561 | 6.607 | 8.977 | 9.956 | 12.158 | 13.175 | 15.923 |
| TOTAL OBS | 73 | 846 | 927 | 900 | 930 | 900 | 925 | 930 | 900 | 930 | 900 | 927 | 10945 |
| MEAN | 13.4 | 17.7 | 30.3 | 37.8 | 49.4 | 58.0 | 64.5 | 64.1 | 56.5 | 43.3 | 33.9 | 23.0 | 41.2 |
| -11 | 15.441 | 14.717 | 12.647 | 11.430 | 10.576 | 8.253 | 6.793 | 6.650 | 9.095 | 9.805 | 12.025 | 12.453 | 20.251 |
| TOTAL OBS | 73 | 846 | 927 | 900 | 930 | 900 | 921 | 929 | 900 | 930 | 900 | 928 | 10941 |
| MEAN | 13.5 | 17.3 | 31.6 | 38.9 | 49.7 | 58.1 | 64.2 | 64.1 | 56.0 | 43.5 | 34.5 | 25.4 | 42.0 |
| 1-12 | 13.770 | 13.506 | 12.803 | 12.009 | 10.813 | 8.576 | 7.271 | 7.414 | 9.977 | 10.295 | 12.466 | 12.391 | 19.532 |
| TOTAL OBS | 73 | 846 | 924 | 900 | 929 | 897 | 924 | 925 | 897 | 929 | 900 | 929 | 10930 |
| MEAN | 13.0 | 17.1 | 32.4 | 39.0 | 49.3 | 57.5 | 64.0 | 63.9 | 55.5 | 42.9 | 34.7 | 25.7 | 42.0 |
| -17 | 13.413 | 13.123 | 12.764 | 12.060 | 10.756 | 8.597 | 7.262 | 7.598 | 10.012 | 10.422 | 12.595 | 12.224 | 19.189 |
| TOTAL OBS | 73 | 846 | 930 | 899 | 930 | 898 | 928 | 929 | 900 | 930 | 900 | 927 | 10947 |
| MEAN | 13.5 | 19.9 | 32.1 | 36.6 | 48.8 | 57.2 | 64.2 | 64.0 | 55.6 | 42.3 | 34.1 | 24.6 | 41.6 |
| -20 | 13.743 | 13.564 | 12.481 | 11.916 | 10.670 | 8.594 | 7.316 | 7.252 | 9.660 | 10.228 | 12.210 | 12.445 | 19.464 |
| TOTAL OBS | 73 | 846 | 930 | 900 | 930 | 900 | 929 | 930 | 900 | 930 | 900 | 923 | 10948 |
| MEAN | 13.1 | 18.5 | 31.1 | 38.1 | 48.4 | 57.0 | 63.7 | 63.2 | 55.1 | 41.8 | 33.4 | 23.8 | 40.9 |
| 1-23 | 14.381 | 14.159 | 12.157 | 11.158 | 10.052 | 8.427 | 6.864 | 6.652 | 8.979 | 10.060 | 12.055 | 12.737 | 19.510 |
| TOTAL OBS | 73 | 846 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 929 | 900 | 924 | 10949 |
| MEAN | 14.7 | 18.4 | 30.6 | 37.7 | 48.4 | 57.0 | 62.4 | 63.1 | 55.2 | 42.0 | 33.6 | 24.0 | 40.8 |
| ALL HOURS | 14.368 | 14.339 | 12.597 | 11.496 | 10.409 | 8.423 | 7.032 | 7.007 | 9.386 | 10.177 | 12.273 | 12.730 | 19.636 |
| TOTAL OBS | 7440 | 6767 | 7427 | 7199 | 7439 | 7195 | 7416 | 7432 | 7197 | 7438 | 7200 | 7412 | 87562 |

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

RELATIVE HUMIDITY

335 STATION GRISCOM AFB IN 73-82 PERIOD JAN MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO OF
OBS |
|--------|----------------|--|-------|-------|-------|------|------|------|------|------|------------------------------|-----------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JAN | 0-24 | 100.0 | 100.0 | 100.0 | 99.8 | 97.4 | 87.8 | 63.0 | 31.9 | 12.0 | 74.0 | 93 |
| FEB | 0-24 | 100.0 | 100.0 | 100.0 | 100.0 | 98.0 | 88.5 | 65.2 | 33.7 | 12.4 | 71.2 | 93 |
| MAR | 0-24 | 100.0 | 100.0 | 100.0 | 99.9 | 98.3 | 88.1 | 66.7 | 33.5 | 12.9 | 75.5 | 93 |
| APR | 0-11 | 100.0 | 100.0 | 100.0 | 99.9 | 97.8 | 85.2 | 59.7 | 29.0 | 7.1 | 73.4 | 93 |
| MAY | 0-14 | 100.0 | 100.0 | 100.0 | 99.6 | 94.5 | 76.2 | 46.6 | 20.5 | 5.9 | 62.9 | 93 |
| JUN | 0-17 | 100.0 | 100.0 | 99.7 | 99.1 | 92.4 | 73.9 | 44.5 | 18.0 | 5.4 | 65.7 | 93 |
| JUL | 0-2 | 100.0 | 100.0 | 100.0 | 99.4 | 96.1 | 83.4 | 56.0 | 25.7 | 6.6 | 72.2 | 93 |
| AUG | 0-23 | 100.0 | 100.0 | 100.0 | 99.8 | 96.3 | 86.7 | 60.7 | 28.9 | 3.2 | 73.5 | 93 |
| | | | | | | | | | | | | |
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| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 100.0 | 99.7 | 96.4 | 83.7 | 57.7 | 27.6 | 8.1 | 72.5 | 744 |

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

RELATIVE HUMIDITY

STATION 331 6 ISSOM AFB IN 73-02 PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]

RELATIVE HUMIDITY

| | | | | |
|---------|----------------|--------|--|-------|
| 12-335 | 6 ISSHM AFB IN | 73-82 | | |
| STATION | STATION NAME | PERIOD | | MONTH |

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO. OF
OBS. |
|--------|----------------|--|-------|-------|-------|------|------|------|------|------|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| 1A- | 10-20 | 100.0 | 100.0 | 100.0 | 100.0 | 98.2 | 89.9 | 65.3 | 34.6 | 7.7 | 75.3 | 93 |
| | 20-30 | 100.0 | 100.0 | 100.0 | 100.0 | 97.6 | 91.7 | 72.4 | 40.9 | 8.7 | 76.7 | 929 |
| | 30-40 | 100.0 | 100.0 | 100.0 | 100.0 | 98.4 | 93.1 | 73.8 | 43.0 | 10.5 | 77.4 | 927 |
| | 40-50 | 100.0 | 100.0 | 100.0 | 99.6 | 93.2 | 77.8 | 54.0 | 27.1 | 7.1 | 71.0 | 917 |
| | 50-60 | 100.0 | 100.0 | 99.7 | 94.6 | 79.2 | 56.5 | 35.4 | 18.1 | 3.6 | 64.3 | 924 |
| | 60-70 | 100.0 | 100.0 | 99.6 | 90.8 | 72.6 | 49.2 | 30.1 | 15.6 | 3.0 | 61.8 | 931 |
| | 70-80 | 100.0 | 100.0 | 99.9 | 97.6 | 87.2 | 66.6 | 39.2 | 22.7 | 4.2 | 67.4 | 930 |
| | 80-90 | 100.0 | 100.0 | 100.0 | 99.6 | 97.0 | 84.2 | 56.5 | 28.3 | 5.3 | 70.2 | 930 |
| TOTALS | | 100.0 | 100.0 | 99.0 | 97.6 | 90.4 | 76.1 | 53.4 | 26.7 | 6.3 | 70.9 | 7427 |

RELATIVE HUMIDITY

12335
STATION

ISSON, AFB IN

STATION NAME

13-82

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]

2

RELATIVE HUMIDITY

DAY
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS
(L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO. OF
OBS | |
|-------|-------------------|--|-------|-------|------|------|------|------|------|------------------------------|------------------------|-----|
| | | 10° | 20° | 30° | 40° | 50° | 60° | 70° | 80° | | | 90° |
| MAY | 00-02 | 100.0 | 100.0 | 99.0 | 98.5 | 91.4 | 73.4 | 53.1 | 29.9 | 8.2 | 71.4 | 93 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 99.5 | 96.9 | 84.8 | 63.0 | 36.6 | 12.8 | 75.1 | 930 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 79.2 | 95.5 | 92.9 | 61.4 | 34.6 | 9.7 | 74.1 | 930 |
| | 09-11 | 100.0 | 100.0 | 98.6 | 88.8 | 69.5 | 49.6 | 31.2 | 16.3 | 4.2 | 61.7 | 93 |
| | 12-14 | 100.0 | 100.0 | 93.0 | 68.6 | 49.8 | 35.4 | 21.7 | 10.5 | 3.4 | 53.0 | 929 |
| | 15-17 | 100.0 | 100.0 | 87.4 | 61.6 | 43.8 | 33.2 | 22.5 | 10.5 | 2.4 | 51.5 | 930 |
| | 18-20 | 100.0 | 100.0 | 92.9 | 72.2 | 52.7 | 40.4 | 28.5 | 13.9 | 2.9 | 56.2 | 930 |
| | 21-23 | 100.0 | 100.0 | 99.5 | 94.6 | 75.7 | 58.7 | 41.7 | 21.3 | 6.1 | 65.5 | 930 |
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USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
METAC
AL WEATHER SERVICE/MAC

RELATIVE HUMIDITY

1233E
STATION

ISSOM AFB IN

STATION NAME

73-22

PERIOD

1. MON

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]

METEOROLOGICAL CLIMATOLOGY BRANCH
 METAC
 AIR WEATHER SERVICE/MAC

2

| | | | | |
|---------|----------------|-------|--------|--------------|
| STATION | MISSION AFB IN | 73-62 | PERIOD | JUL
MONTH |
|---------|----------------|-------|--------|--------------|

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]

RELATIVE HUMIDITY

335 15504 AFB IN
STATION

STATION NAME

73-2

PERIOD

MONTE

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO OF
OBS |
|--------|----------------|--|-------|-------|-------|------|------|------|------|------------------------------|-----------------------|
| | | 10% | 20 | 30 | 40 | 50 | 60 | 70 | 80 |  |  | 90 |
| 10-5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.7 | 91.1 | 59.2 | 12.3 | 11.6 | 426 |
| 10-31 | 100.2 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 97.4 | 73.3 | 11.5 | 14.3 | 937 |
| 11-30 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 95.6 | 73.3 | 18.1 | 14.3 | 537 |
| 12-11 | 100.0 | 100.0 | 100.0 | 99.9 | 96.1 | 81.0 | 56.2 | 25.1 | 3.9 | 71.0 | 929 |
| 1-14 | 100.2 | 100.0 | 100.0 | 97.2 | 77.0 | 48.0 | 26.1 | 10.3 | 1.0 | 81.0 | 136 |
| 1-17 | 100.0 | 100.0 | 99.1 | 94.7 | 67.7 | 41.8 | 21.1 | 7.3 | 1.3 | 50.0 | 429 |
| 1-21 | 100.0 | 100.0 | 99.7 | 98.3 | 86.3 | 64.6 | 38.2 | 15.5 | 2.3 | 16.1 | 937 |
| 1-23 | 100.0 | 100.0 | 100.0 | 99.9 | 99.1 | 94.3 | 74.6 | 41.9 | 7.1 | 77.1 | 937 |
| TOTALS | 100.0 | 100.0 | 99.9 | 98.8 | 90.8 | 78.6 | 62.5 | 38.2 | 7.4 | 77.2 | 7432 |

RELATIVE HUMIDITY

125335
STATION

6-1550M AFB IN _____
STATION NAME

73-82

PERIOD

54
MON.

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

GENERAL CLIMATOLOGY BRANCH
METEA.
U.S. WEATHER SERVICE/MAC

RELATIVE HUMIDITY

| | | | |
|---------|---------------|--------|-------|
| 335 | GISSON AFB IN | 73-62 | |
| STATION | STATION NAME | PERIOD | MONTH |

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO. OF
OBS |
|--------|----------------|--|-------|-------|------|------|------|------|------|------|------------------------------|------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70 | 80 | 90 | | |
| 01-02 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 28.4 | 38.6 | 66.7 | 34.1 | 5.4 | 72.2 | 97 |
| 03-09 | 100.0 | 100.0 | 100.0 | 100.0 | 99.1 | 94.3 | 76.3 | 43.4 | 7.1 | 77.7 | 93 | |
| 05-08 | 100.0 | 100.0 | 100.0 | 100.0 | 99.6 | 95.8 | 80.5 | 50.2 | 9.0 | 79.3 | 93 | |
| 09-11 | 100.0 | 100.0 | 99.9 | 98.5 | 89.8 | 69.6 | 46.5 | 22.6 | 4.4 | 69.8 | 93 | |
| 10-14 | 100.0 | 100.0 | 98.1 | 84.9 | 57.9 | 34.2 | 21.5 | 9.9 | 2.2 | 56.5 | 929 | |
| 10-17 | 100.0 | 100.0 | 95.4 | 76.3 | 47.0 | 27.8 | 19.7 | 9.7 | 2.3 | 53.6 | 93 | |
| 10-21 | 100.0 | 100.0 | 99.5 | 95.3 | 77.5 | 50.4 | 29.4 | 15.2 | 2.3 | 62.9 | 93 | |
| 11-23 | 100.0 | 100.0 | 100.0 | 99.7 | 96.7 | 79.3 | 49.1 | 24.2 | 5.2 | 79.9 | 929 | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 99.1 | 94.3 | 83.3 | 67.5 | 48.7 | 26.0 | 4.8 | 68.1 | 7438 |

RELATIVE HUMIDITY

10335
STATION

MISSON AFD IN
STATION NAME

73-62

PERIOD

400
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

AL CLIMATOLOGY BRANCH
ETAC
ATHER SERVICE/HAC

RELATIVE HUMIDITY

335
STATION

6 ISS. M. APR. IN

STATION NAME

73-82

PERIOD

OF L
MONI

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR LEATHER SERVICE/MAC

RELATIVE HUMIDITY

10-335
STATION

G ISSOM AFB IN
STATION NAME

73-82

PERIOD

ALL
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO OF
OBS |
|--------|----------------|--|-------|-------|------|------|------|------|------|-----|------------------------------|-----------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JAN | ALL | 100.0 | 100.0 | 100.0 | 99.7 | 96.4 | 83.7 | 57.7 | 27.6 | 5.1 | 72.6 | 744 |
| FEB | | 100.0 | 100.0 | 100.0 | 99.7 | 95.7 | 79.5 | 51.5 | 24.4 | 6.3 | 71.3 | 6767 |
| MAR | | 100.0 | 100.0 | 99.9 | 97.6 | 91.4 | 76.1 | 53.4 | 28.7 | 6.3 | 70.9 | 7427 |
| APR | | 100.0 | 99.8 | 96.7 | 88.2 | 75.8 | 59.6 | 42.1 | 19.7 | 5.0 | 64.2 | 7199 |
| MAY | | 100.0 | 100.0 | 96.4 | 85.4 | 71.9 | 57.3 | 40.4 | 21.7 | 6.0 | 63.7 | 7439 |
| JUN | | 100.0 | 100.0 | 98.9 | 92.0 | 78.5 | 60.9 | 40.4 | 19.5 | 2.7 | 61.0 | 7195 |
| JUL | | 100.0 | 100.0 | 99.5 | 95.4 | 83.2 | 66.3 | 47.9 | 28.4 | 6.5 | 65.4 | 7416 |
| AUG | | 100.0 | 100.0 | 99.9 | 96.6 | 90.8 | 78.6 | 62.5 | 38.2 | 7.4 | 73.2 | 7432 |
| SEP | | 100.0 | 100.0 | 99.5 | 95.2 | 85.5 | 73.0 | 55.6 | 29.8 | 5.9 | 70.2 | 7197 |
| OCT | | 100.0 | 100.0 | 99.1 | 94.3 | 83.3 | 67.5 | 48.7 | 26.1 | 4.8 | 68.1 | 7438 |
| NOV | | 100.0 | 100.0 | 99.0 | 96.3 | 92.7 | 81.8 | 60.3 | 33.6 | 9.8 | 73.3 | 7200 |
| DEC | | 100.0 | 100.0 | 100.0 | 99.9 | 99.0 | 89.8 | 66.6 | 35.7 | 8.4 | 75.5 | 7412 |
| TOTALS | | 100.0 | 100.0 | 99.2 | 95.4 | 86.9 | 72.8 | 52.1 | 27.8 | 6.4 | 69.7 | 87562 |

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F

PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

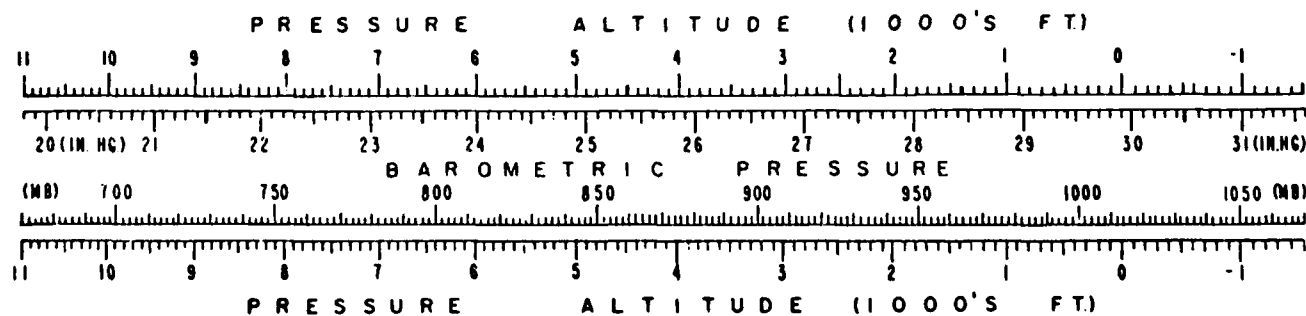
NOTES: Station pressure not reported for all services until late in 1945.

Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.

METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.
2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged mode: of the pressure-altitude scale in the Smithsonian Meteorological Tables.



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

2 331 GRISSOM AFB IL

73-82

| STATION | | | YEARS | | | | | | | | | | | | |
|-----------|-----|------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|---------|
| NO. | ST. | NAME | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANN. A. |
| 1 | | MEAN | 29.16929 | 29.19129 | 29.09729 | 29.11429 | 29.07129 | 29.09429 | 29.13329 | 29.16929 | 29.17129 | 29.18629 | 29.17929 | 29.155 | 29.145 |
| | | S.D. | .257 | .249 | .233 | .221 | .156 | .143 | .106 | .104 | .130 | .177 | .215 | .241 | .197 |
| | | TOTAL OBS. | 310 | 292 | 310 | 300 | 310 | 300 | 310 | 300 | 310 | 300 | 310 | 300 | 310 | 3652 |
| 1 | | MEAN | 29.17329 | 29.17929 | 29.08429 | 29.10329 | 29.06629 | 29.08929 | 29.12529 | 29.16329 | 29.16729 | 29.18429 | 29.17429 | 29.164 | 29.138 |
| | | S.D. | .250 | .257 | .239 | .228 | .159 | .145 | .110 | .110 | .131 | .180 | .218 | .245 | .201 |
| | | TOTAL OBS. | 310 | 292 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 |
| 1 | | MEAN | 29.17529 | 29.18529 | 29.09929 | 29.12529 | 29.09129 | 29.11229 | 29.14729 | 29.18229 | 29.19029 | 29.20329 | 29.18529 | 29.167 | 29.155 |
| | | S.D. | .257 | .266 | .243 | .231 | .164 | .149 | .111 | .112 | .133 | .184 | .219 | .249 | .204 |
| | | TOTAL OBS. | 310 | 292 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 |
| 1 | | MEAN | 29.20429 | 29.20829 | 29.11929 | 29.14029 | 29.09229 | 29.11929 | 29.15929 | 29.19629 | 29.20529 | 29.22229 | 29.20829 | 29.191 | 29.172 |
| | | S.D. | .257 | .268 | .241 | .235 | .167 | .153 | .111 | .112 | .135 | .187 | .221 | .251 | .206 |
| | | TOTAL OBS. | 310 | 292 | 309 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3651 |
| 1 | | MEAN | 29.18129 | 29.19629 | 29.11129 | 29.12329 | 29.08229 | 29.10729 | 29.14829 | 29.18429 | 29.18229 | 29.19429 | 29.18329 | 29.167 | 29.155 |
| | | S.D. | .255 | .266 | .233 | .231 | .163 | .151 | .108 | .107 | .132 | .183 | .216 | .251 | .202 |
| | | TOTAL OBS. | 310 | 292 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 |
| 1 | | MEAN | 29.16429 | 29.17129 | 29.07929 | 29.09529 | 29.05429 | 29.07929 | 29.12029 | 29.15229 | 29.14829 | 29.16629 | 29.16329 | 29.151 | 29.128 |
| | | S.D. | .250 | .256 | .222 | .222 | .155 | .145 | .105 | .106 | .128 | .179 | .212 | .244 | .196 |
| | | TOTAL OBS. | 310 | 292 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 |
| 1 | | MEAN | 29.18029 | 29.18629 | 29.08629 | 29.09529 | 29.04929 | 29.07229 | 29.11029 | 29.14329 | 29.15029 | 29.17929 | 29.17729 | 29.170 | 29.133 |
| | | S.D. | .249 | .248 | .218 | .215 | .150 | .139 | .101 | .103 | .124 | .174 | .209 | .238 | .193 |
| | | TOTAL OBS. | 310 | 292 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 309 | 3651 |
| 2 | | MEAN | 29.18329 | 29.19729 | 29.10129 | 29.12029 | 29.07429 | 29.09529 | 29.13229 | 29.16729 | 29.17129 | 29.19429 | 29.18229 | 29.175 | 29.149 |
| | | S.D. | .213 | .245 | .222 | .216 | .152 | .139 | .101 | .102 | .127 | .175 | .213 | .234 | .193 |
| | | TOTAL OBS. | 310 | 292 | 310 | 300 | 310 | 300 | 310 | 309 | 300 | 310 | 300 | 309 | 3650 |
| ALL HOURS | | MEAN | 29.17829 | 29.18929 | 29.09729 | 29.11429 | 29.07329 | 29.09629 | 29.13429 | 29.16929 | 29.17329 | 29.19129 | 29.18229 | 29.169 | 29.147 |
| | | S.D. | .215 | .257 | .231 | .225 | .159 | .146 | .108 | .108 | .131 | .180 | .216 | .244 | .200 |
| | | TOTAL OBS. | 2480 | 2256 | 2479 | 2400 | 2480 | 2400 | 2490 | 2477 | 2400 | 2480 | 2490 | 2490 | 29210 |

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U.S. AIR FORCE
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MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN HGS FROM HOURLY OBSERVATIONS

72-335 5-155 M AFB IN

73-82

| | AN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| MEAN | 1011.7 | 1019.3 | 1015.6 | 1015.7 | 1013.9 | 1014.4 | 1015.7 | 1017.0 | 1017.2 | 1018.2 | 1018.3 | 1018.2 | 1016.8 |
| STDEV | 9.259 | 9.368 | 8.278 | 7.807 | 5.497 | 5.041 | 3.706 | 3.724 | 4.639 | 6.274 | 7.679 | 8.637 | 7.174 |
| TOTAL OBS | 310 | 282 | 309 | 300 | 309 | 300 | 310 | 309 | 300 | 310 | 300 | 310 | 3649 |
| MEAN | 1011.8 | 1019.0 | 1015.1 | 1015.3 | 1013.7 | 1014.3 | 1015.4 | 1016.7 | 1017.1 | 1018.1 | 1018.1 | 1018.2 | 1016.8 |
| STDEV | 9.310 | 9.343 | 8.553 | 8.004 | 5.599 | 5.147 | 3.849 | 3.915 | 4.694 | 6.468 | 7.774 | 8.791 | 7.269 |
| TOTAL OBS | 310 | 280 | 310 | 300 | 309 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3648 |
| MEAN | 1019.0 | 1019.2 | 1015.7 | 1016.2 | 1014.6 | 1015.1 | 1016.2 | 1017.4 | 1018.3 | 1018.9 | 1018.6 | 1018.4 | 1017.3 |
| STDEV | 9.293 | 9.604 | 8.710 | 8.141 | 5.771 | 5.258 | 3.914 | 3.975 | 4.738 | 6.535 | 7.371 | 8.923 | 7.324 |
| TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 300 | 300 | 310 | 300 | 310 | 3650 |
| MEAN | 1020.0 | 1020.0 | 1016.4 | 1016.7 | 1014.9 | 1015.4 | 1016.6 | 1018.0 | 1018.5 | 1019.5 | 1019.4 | 1019.2 | 1017.9 |
| STDEV | 9.279 | 9.654 | 8.632 | 8.242 | 5.866 | 5.394 | 3.920 | 3.983 | 4.792 | 6.668 | 7.892 | 8.986 | 7.435 |
| TOTAL OBS | 310 | 279 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3648 |
| MEAN | 1019.1 | 1019.5 | 1016.1 | 1016.1 | 1014.3 | 1014.9 | 1016.1 | 1017.5 | 1017.6 | 1018.5 | 1018.5 | 1018.3 | 1017.2 |
| STDEV | 9.196 | 9.022 | 8.337 | 8.179 | 5.760 | 5.340 | 3.778 | 3.832 | 4.708 | 6.531 | 7.734 | 8.944 | 7.276 |
| TOTAL OBS | 310 | 282 | 310 | 300 | 309 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3651 |
| MEAN | 1019.5 | 1018.6 | 1014.9 | 1015.1 | 1013.3 | 1013.9 | 1015.2 | 1016.4 | 1016.4 | 1017.5 | 1017.8 | 1017.7 | 1016.3 |
| STDEV | 9.076 | 9.276 | 7.991 | 7.879 | 5.455 | 5.122 | 3.709 | 3.801 | 4.550 | 6.367 | 7.518 | 8.705 | 7.088 |
| TOTAL OBS | 310 | 282 | 310 | 299 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3651 |
| MEAN | 1019.2 | 1019.2 | 1015.2 | 1015.1 | 1013.1 | 1013.7 | 1014.8 | 1016.1 | 1016.6 | 1018.0 | 1018.3 | 1018.5 | 1016.5 |
| STDEV | 9.982 | 8.980 | 7.847 | 7.629 | 5.284 | 4.885 | 3.530 | 3.663 | 4.456 | 6.232 | 7.488 | 8.520 | 7.021 |
| TOTAL OBS | 310 | 282 | 310 | 310 | 310 | 300 | 309 | 310 | 300 | 310 | 300 | 309 | 3649 |
| MEAN | 1019.2 | 1019.6 | 1015.7 | 1016.0 | 1014.0 | 1014.5 | 1015.6 | 1016.9 | 1017.3 | 1018.5 | 1018.5 | 1018.6 | 1017.0 |
| STDEV | 9.138 | 8.904 | 7.961 | 7.639 | 5.333 | 4.887 | 3.519 | 3.651 | 4.576 | 6.204 | 7.591 | 8.413 | 6.987 |
| TOTAL OBS | 310 | 281 | 310 | 299 | 309 | 300 | 308 | 309 | 300 | 310 | 300 | 308 | 3644 |
| MEAN | 1019.1 | 1019.3 | 1015.6 | 1015.8 | 1014.0 | 1014.5 | 1015.7 | 1017.0 | 1017.3 | 1018.4 | 1018.4 | 1018.4 | 1016.9 |
| STDEV | 9.190 | 9.304 | 8.297 | 7.961 | 5.596 | 5.159 | 3.777 | 3.857 | 4.682 | 6.428 | 7.689 | 8.739 | 7.200 |
| TOTAL OBS | 2477 | 2250 | 2479 | 2378 | 2476 | 2400 | 2477 | 2476 | 2400 | 2480 | 2400 | 2477 | 29190 |

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